

AGRICULTURE RESEARCH FY 1964

SCIENCE AND EDUCATION
IN AGRICULTURE



USDA • UNIVERSITY OF CALIFORNIA

VOLUME
TABLE II, III AND

INVENTORY OF AGRICULTURAL RESEARCH

Volume II (Tables II, III, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Area.

FISCAL YEAR 1977

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

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Technical Information Systems
Science and Education Administration

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Summary for Commodity or Resource, and Research Problem Area

National Total USDA, SAES, Forestry Schools, Other Cooperating Institutions	1 3
National Total USDA and SAES	4 6
National Total USDA Research Agencies	7 9
Agricultural Research Service (ARS)	10 11
Cooperative State Research Service (CSRS)	12 14
Economic Research Service (ERS)	14
Farmer Cooperative Service (FCS)	15
Forest Service (FS)	16
National Total SAES, Forestry Schools, Other Cooperating Institutions	17 19
National Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeastern)	20 22
Region 2 (Southern)	23 25
Region 3 (North Central)	26 28
Region 4 (Western)	29 31
National Total State Agricultural Experiment Stations (SAES).....	32 34
Station Totals SAES (Table 11-B only)	
Alabama, Alaska	35
Arizona, Arkansas	36
California	37
Colorado, Connecticut (New Haven)	38
Connecticut (Storrs), Delaware, District of Columbia, Florida	39
Georgia, Guam	40
Hawaii, Idaho	41
Illinois	42
Indiana	43
Iowa	44
Kansas	45

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New York (Ithaca, Geneva)	54
North Carolina, North Dakota	55
Ohio, Oklahoma	56
Oregon, Pennsylvania	57
Puerto Rico, Rhode Island	58
South Carolina, South Dakota	59
Tennessee	60
Texas, Utah	61
Vermont, Virgin Islands	62
Virginia, Washington	63
West Virginia, Wisconsin	64
Wyoming	65
Forestry Schools - Total	66
Forestry Schools (Table II-B only)	
Fairbanks, Flagstaff, Arcata, Carbondale	67
Ft. Collins, Moscow, Ruston, Ann Arbor	68
Houghton, Missoula, Syracuse, Corvallis	69
Clemson, Nacogdoches, Burlington, Seattle	70
Other Cooperating Institutions - Total	71-72
Other Cooperating Institutions (Table II-B only)	
Tuskegee, Normal, Pine Bluff, Boulder, Dover	73
Tallahassee, Fort Valley, Frankfort, Baton Rouge	74
Princess Ann, Lorman, Jefferson City, Greensboro	75
Yonkers, NY, Langston, Kennett Square, Orangeburg	76
Nashville, Prairie View, Petersburg, Provo	77

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Summary Data for Fiscal Year for USDA Agencies and State Agricultural Experiment Stations

National Total USDA Research Agencies	78
Regional Total SAREs, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeastern)	79
Region 2 (Southern)	79
Region 3 (North Central)	80
Region 4 (Western)	80

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National Total USDA Research Agencies	81-83
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TABLE III-E

Summary Data by Method of Expenditure and Source for
Fiscal Year for USDA Agencies

National Total USDA Research Agencies

TABLES IV-B and IV-D

Data on Funds by Source for Fiscal Year for Commodity or
Resource and Research Problem Areas for State Agricultural
Experiment Stations, Forestry Schools, and Other Cooperating
Institutions

National Total SAES, Forestry Schools, Other Cooperating
Institutions

Regional Total SAES, Forestry Schools, Other Cooperating
Institutions

Region 1 (Northeastern)

Region 2 (Southern)

Region 3 (North Central)

Region 4 (Western)

National Total State Agricultural Experiment
Stations (SAES)

National Total Forestry Schools

National Total Other Cooperating Institutions

TABLE IV-E

Summary Data by Source for Fiscal Year for State Agricultural
Experiment Stations, Forestry Schools, and Other Cooperating
Institutions

Regional Total SAES, Forestry Schools, Other Cooperating
Institutions

Region 1 (Northeastern)

Region 2 (Southern)

Region 3 (North Central)

Region 4 (Western)

INTRODUCTION

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State Agricultural Experiment Stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means the funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems Science and Education Administration, U.S. Department of Agriculture.

Classification on Individual Research Work Unit/Projects are provided Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 1400 (Cotton)
"Field of Science" - 0612 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 1002

Some inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input, two-thirds of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn)
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 757

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 276

In the Problem Area tabulations, 75% of the relevant years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25%

TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page VI) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amount in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry Schools and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" excepting AID funds) as reported

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools and Other Cooperating Institutions for the performance of specific research tasks. They include CSRS "Special Grants" but not grants from other CSRS administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-416. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 for USDA are reported in Field 19 of Form AD-416. This field shows the expenditure of scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

TABLE III.

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I,II. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "G G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL," is a summation of all funds reported in columns 14, 15 and 16.

TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alaska, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other Cooperating Institutions in: Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest \$1,000 and, because of this items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8, "RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

'STEN" includes obligations of funds received by SAES hools under provisions of the McIntire-Stennis Act (orm AD-419).

11, "OTH CSRS" includes obligations of funds received by SAES, County Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

12, "TOT CSRS" includes obligations of funds received by SAES from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

13, "USDA CGCA" includes obligations of funds received by SAES from contracts, grants, and cooperative agreements with the various performing agencies of the USDA. This includes funds received from USDA CSRS Special Grant (Field 219 of Form AD-419).

14, "OTHER FED" includes obligations of funds received by SAES from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

17, "INDUSTRY" includes obligations of funds received by SAES from industry that were expended in support of research projects (Field 222 of Form AD-419).

18, "OTHER" includes obligations of funds received by SAES, et al. from any other non-Federal sources (Field 223 of Form AD-419).

19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17, 18, and 19.

1. RESEARCH UNIT PARTICIPANTS

2. RESEARCH UNIT PARTICIPANTS

3. RESEARCH UNIT PARTICIPANTS

4. RESEARCH UNIT PARTICIPANTS

5. RESEARCH UNIT PARTICIPANTS

6. RESEARCH UNIT PARTICIPANTS

7. RESEARCH UNIT PARTICIPANTS

8. RESEARCH UNIT PARTICIPANTS

9. RESEARCH UNIT PARTICIPANTS

10. RESEARCH UNIT PARTICIPANTS

11. RESEARCH UNIT PARTICIPANTS

12. RESEARCH UNIT PARTICIPANTS

13. RESEARCH UNIT PARTICIPANTS

14. RESEARCH UNIT PARTICIPANTS

15. RESEARCH UNIT PARTICIPANTS

16. RESEARCH UNIT PARTICIPANTS

DESCRIPTION - RESEARCH FUNDS AND MANPOWER	DATE	UNIT NO.
RESEARCH FUNDS	10/1/54	101
MANPOWER	10/1/54	102
RESEARCH FUNDS	10/1/54	103
MANPOWER	10/1/54	104
RESEARCH FUNDS	10/1/54	105
MANPOWER	10/1/54	106
RESEARCH FUNDS	10/1/54	107
MANPOWER	10/1/54	108
RESEARCH FUNDS	10/1/54	109
MANPOWER	10/1/54	110
RESEARCH FUNDS	10/1/54	111
MANPOWER	10/1/54	112
RESEARCH FUNDS	10/1/54	113
MANPOWER	10/1/54	114
RESEARCH FUNDS	10/1/54	115
MANPOWER	10/1/54	116
RESEARCH FUNDS	10/1/54	117
MANPOWER	10/1/54	118
RESEARCH FUNDS	10/1/54	119
MANPOWER	10/1/54	120
RESEARCH FUNDS	10/1/54	121
MANPOWER	10/1/54	122
RESEARCH FUNDS	10/1/54	123
MANPOWER	10/1/54	124
RESEARCH FUNDS	10/1/54	125
MANPOWER	10/1/54	126
RESEARCH FUNDS	10/1/54	127
MANPOWER	10/1/54	128
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MANPOWER	10/1/54	146
RESEARCH FUNDS	10/1/54	147
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RESEARCH FUNDS	10/1/54	201
MANPOWER	10/1/54	202
RESEARCH FUNDS	10/1/54	203
MANPOWER	10/1/54	204
RESEARCH FUNDS	10/1/54	205
MANPOWER	10/1/54	206
RESEARCH FUNDS		

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER	MANPOWER	RESEARCH FUNDS	TOTAL
OTHER FEDERAL RESEARCH FUNDS			
Basic Fund	17911		17911
Regional Research Fund	47520		47520
Intelligence Research Fund	17501		17501
Special Funds for Research (19 97 104)			
Other Funds (104-104)			
TOTAL	17911		17911
NON-FEDERAL RESEARCH FUNDS			
Basic Fund	17911		17911
Regional Research Fund	47520		47520
Intelligence Research Fund	17501		17501
Special Funds for Research (19 97 104)			
Other Funds (104-104)			
TOTAL	17911		17911
TOTAL ALL RESEARCH FUNDS AT LOCATION			
TOTAL	17911		17911
STAFF SUPPORT			
NON-FEDERALLY EMPLOYED STAFF SUPPORT MANPOWER REPORT 11			
Manpower	17911		17911
Regional Research Fund	47520		47520
Intelligence Research Fund	17501		17501
Special Funds for Research (19 97 104)			
Other Funds (104-104)			
TOTAL	17911		17911

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RES

Commodity, Resource or Technology not
Associated with Specific Commodities

Commodities or Resources

0100	Soil and land
0200	Water
0300	Watersheds and river basins
0400	Air and climate
0500	Recreation resources
0600	Trees, forests, and forest products (excluding edible nut crops (See 1015), and tung (See 2560))
0700	Range
0800	Fish, shellfish, game and fur-bearing animals and ot wildlife and their habitats
0900	Citrus and subtropical fruit
1000	Deciduous and small fruits and edible tree nuts
1100	Potatoes
1200	Vegetables
1300	Ornamentals and turf
1400	Corn (includes Popcorn) - (For Sweetcorn see 1280)
1500	Grain sorghum
1600	Rice
1700	Wheat
1800	Other small grains
1900	Pasture
2000	Forage crops
2100	Cotton (including cottonseed for planting purposes)
2200	Cottonseed (for meal, oil, etc.)
2300	Soybeans
2400	Peanuts
2500	Other oilseed and oil crops (excluding cottonseed)
2600	Tobacco
2700	Sugar crops
2800	Miscellaneous and new crops
2900	Poultry
3000	Beef cattle
3100	Dairy cattle
3200	Swine
3300	Sheep and wool
3400	Other animals (See 0850 for fur-bearing animals)
3500	Bees and honey and other pollinating insects

Commodities or Resources

- 4000 People as individual workers, consumers and members of society
- 4100 The family and its members
- 4200 The farm as a business enterprise
- 4300 Communities, areas and regions, including counties and States and their institutions
- 4400 Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
- 4500 Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
- 4600 Farmer cooperatives
- 4700 Marketing, processing and supply firms other than cooperatives
- 4800 Marketing systems and sectors thereof
- 6100 Weeds
- 6200 Seed research
- 6300 Biological cell systems
- 6400 Experimental design and statistical methods
- 6500 Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
- 6600 Microorganisms, viruses, etc.
- 6700 Plants
- 6800 Animals (vertebrates)
- 6900 Research on research management (not research management per se)
- 7000 Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water

- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources

- 111 Biology, Culture and Management of Forests and Timber-Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable Crops

- 206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals

**GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,
DISEASES AND OTHER HAZARDS (Continued)**

- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and
Other Animals
- 213 Protect Livestock, Poultry and Other Animals from Toxic
Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects
of Pollution

**GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST
PRODUCTS AT DECREASING REAL PRODUCTION COSTS**

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable
Crops
- 305 Mechanization of Fruit and Vegetable Crop Production
- 306 Production of Fruit and Vegetable Crop Production
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other
Animals
- 311 Improvement of Biological Efficiency in Production of
Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry
and Other Animals
- 313 Production Management Systems for Livestock, Poultry and
Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose
Farm Supplies and Equipment
- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of
Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY
DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES
AND ENHANCING PRODUCT QUALITY

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
- 405 Production of Field Crops with Improved Acceptability
- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products from Field Crops
- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability
- 410 New and Improved Meat, Milk, Eggs, and Other Animal Products
- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standard - Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and Related Products
- 503 Efficiency in Marketing Agricultural Products and Production Inputs *
- 506 Supply, Demand and Price Analysis - Crop and Animal Products
- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power
- 511 Improvement in Agricultural Statistics
- 512 Improvement of Grades and Standard of Forest Products
- 513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND
WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service
- 705 Selection and Care of Clothing and Household Textiles
- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People
- 805 Communication and Education Processes
- 806 Individual and Family Adjustment to Change
- 807 Structural Changes in Agriculture
- 808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF
BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY,
AND PUBLIC SERVICES

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
- 902 Outdoor Recreation
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
- 905 Trees to Enhance Rural and Urban
- 906 Culture and Protection of Ornamental
- 907 Improved Income Opportunities :
- 908 Improvement of Rural Communities

CLASSIFICATION	NO OF OP PRG1	SCIENTIST YEARS 1977	REG REG ADP/CSRS ADJUSTED (GROSS) 1977	TOTAL FJPRS (GROSS) 1977	USDA CCA/ST/SYS 1977
3103 SOIL AND LAND	1378	541.8	19,773,167	47,324,219	*
3203 WATER	530	553.0	15,165,315	32,113,914	*
3403 WATERBODIES RIVER BAS	251	206.4	16,919,421	22,421,403	*
3603 AIR AND CLIMATE	162	63.7	2,096,776	6,761,136	*
0500 RECREATION RECREANCES	214	74.6	4,594,616	6,219,799	*
0600 TIMBER POLIT PRODUCTS	1527	1191.4	74,581,036	135,559,373	*
0700 RANGE	345	141.7	8,055,236	13,863,282	*
0800 WILDLIFE AND FISH	685	246.7	6,775,955	21,976,743	*
0900 CITRUS SUB TROP FRUIT	374	213.6	9,272,090	19,123,742	*
1000 FRUIT NUTS MEDICINOUS	1177	491.3	16,551,620	40,751,502	*
1100 POTATOES	367	140.9	5,536,277	11,144,241	*
1200 VEGETABLES	1515	575.3	17,622,326	44,195,302	*
1300 ORNAMENTALS TREE	640	244.7	6,797,115	19,960,307	*
1400 CORN	972	301.6	12,368,754	24,852,484	*
1500 GRAIN SORGHUM	431	82.6	2,722,436	6,115,677	*
1600 RICE	174	46.6	2,352,026	5,240,554	*
1700 WHEAT	781	268.1	11,793,200	21,291,876	*
1803 OTHER SMALL GRAINS	504	121.4	5,059,301	10,535,661	*
1900 PASTURE	135	48.5	1,385,340	4,449,454	*
2000 FORAGE CROPS	1003	363.5	12,113,359	26,512,230	*
2100 COTTON	605	401.4	24,726,113	35,846,601	*
2200 COTTONSEED	53	33.6	2,316,554	2,541,639	*
2303 PEANUTS	953	171.2	13,912,219	26,455,617	*
2400 PEANUTS	228	90.0	3,770,172	7,285,109	*
2500 OTHER OILSEED CROPS	119	35.1	1,769,657	3,027,574	*
2600 TOBACCO	228	113.7	5,821,510	10,555,445	*
2700 SUGAR CROPS	245	110.1	6,143,604	9,827,157	*
2803 MISC NEW CROPS	155	66.1	7,984,676	5,598,719	*
2903 POULTRY	884	352.2	16,615,077	35,905,311	*
3000 BEEF CATTLE	1443	584.5	32,117,213	77,931,909	*
3103 DAIRY CATTLE	1242	662.6	24,678,221	52,618,835	*
3200 SWINE	700	217.8	15,016,663	31,704,647	*
3300 SHEEP AND GOAT	355	135.4	9,435,818	16,034,414	*
3400 OTHER ANIMALS	424	123.7	3,633,897	11,163,590	*
3500 BEES AND HONEY	72	49.9	2,778,936	3,547,069	*
3600 FARM SUPPLY FACILITIES	120	57.0	2,162,393	3,766,117	*
3700 CLOTHING & TEXTILES	71	22.0	575,851	1,137,689	*
3800 FOOD	593	119.9	16,111,734	28,593,896	*
3900 HOUSING & EQUIP	261	43.7	3,303,110	8,955,956	*
4000 FAMILIAL INDIVIDUAL	910	256.7	12,628,464	22,610,435	*
4100 FAMILY MEMBERS	244	63.2	3,626,002	4,374,557	*
4203 FARM AS BUSINESS	186	80.4	3,213,604	5,345,116	*
4303 SOC POLIT ORGANIZ	492	160.4	5,386,708	10,262,874	*
4400 AGRIC ECONOMY U S	116	47.1	4,174,396	5,905,919	*
4500 AGRIC ECONOMY FOREIGN	49	91.6	3,966,178	4,916,400	*
4600 FARM COOPERATIVES	31	28.6	1,170,264	1,544,702	*
4700 GTH MARKETS PROCESS	49	11.7	344,087	860,265	*
4803 MARKETING SYSTEMS	113	40.3	2,239,289	3,051,213	*
4900 WOODS	85	26.0	1,608,151	2,180,471	*
5000 WOOD RESEARCH	17	15.2	622,369	1,473,359	*
5100 NUCLEONIC SYSTEMS	222	37.6	1,174,640	7,407,537	*
5200 EXP DESIGN/STAT MATH	64	19.3	541,881	2,293,934	*
5300 INVENTORIALS	309	222.0	10,279,971	18,111,720	*
5400 MICROORGANISMS, VIRUS	261	96.1	2,103,637	4,759,823	*
5500 PLANTS	805	377.1	18,553,527	32,936,451	*
5600 ANIMALS (VERTEBRATES)	346	130.1	2,000,471	12,788,477	*
5700 RESEARCH ON GENETIC MATH	21	10.8	197,266	747,865	*
7000 RESEARCH EQUIP & TECHNOL	115	31.5	921,724	3,294,688	*
9000 UNCLASSIFIED	49	128.3	1,107,117	14,281,112	*
TOTAL	26914	11345.1	516,376,499	1,031,711,797	*

SERIES 100

101 APPRAIS OF SOIL PROT	304	75.7	1,166,533	6,100,731
102 SOIL PLNT WFT NUTRE	420	236.5	9,101,943	20,951,036
103 MONT OF SALINE SOIL	70	36.6	2,434,079	2,722,386
104 ALTERN USE OF LAND	204	93.1	2,151,219	5,602,704
105 CONSERV USE OF WTR	301	114.7	5,222,633	10,675,772
106 DRAIN AND IRRIGATION	136	64.6	1,446,432	5,915,171
107 WATERSHED PROT & MG	267	245.2	15,992,646	27,467,000
108 ECON LFT PROD CP & A	47	19.4	524,118	1,276,131
109 WEATHER ADAPT & MOD	117	37.2	907,412	4,665,158
110 APPRAIS FOREST & SAN	426	43.2	7,744,617	9,210,370
111 BTOL CULT AND PGRF	475	255.9	16,950,454	25,556,468
112 PRODUY RANGE RESOR	228	91.0	4,889,474	9,244,422
113 PEPTER SENSING	54	17.0	800,791	1,853,496
114 RECH ON MONT OF ESC	27	13.6	157,266	747,465
SUBTOTAL	2965	1419.1	74,221,694	133,091,651

SERIES 200

201 CNTRL FORST INSECTS	264	176.0	15,193,017	17,516,132
202 CNTRL FOREST DIS	162	57.1	5,472,306	7,961,184
203 FOREST FIRE PROTCT	40	72.6	6,494,659	7,161,195
204 CNTR PESTS F&G & E	352	196.1	8,534,244	17,254,171
205 CNTR DISR PEST & VEG	770	268.8	7,859,185	21,084,145
206 CNTR WRODS PEST & VEG	194	56.2	1,774,118	4,356,820
207 CNTR PESTS FIL CROF	684	316.9	17,291,104	24,751,905
208 CNTR DIS FIELD CROF	481	366.3	16,019,166	27,255,832
209 CNTR WRODS FIL CROF	374	146.0	5,420,414	12,211,047
210 CNTR PESTS ANIMALS	116	62.9	4,001,753	5,784,651
211 CNTR DIS ANIMALS	625	380.0	27,787,459	46,610,601
212 CNTR INTRP PARASITE	121	47.3	5,053,357	7,679,615
213 PROT ANMLS FROM TOX	171	44.3	4,209,897	6,068,677
214 PROTCT FROM COLLECT	253	73.1	3,108,333	7,056,282
SUBTOTAL	5061	2302.8	126,408,728	218,136,472

SERIES 300

301 GENET BREED FORST T	144	72.5	4,343,714	6,655,311
302 IMP FOREST PMV SYS	31	25.9	2,014,248	2,956,104
303 ECON TIMBER PROCTCT	55	24.1	955,561	1,957,993
304 IMP BIO EFF PMV & V	1107	424.0	9,610,208	35,011,247
305 RECH PROD PROT & VEG	166	51.2	1,440,548	4,545,907
306 PROD MONT SYS & V	84	22.3	936,424	1,674,113
307 IMP BIO EFF PLO CNY	1491	889.5	24,905,311	76,267,179
308 RECH PROD FIELD CRO	164	69.4	3,657,170	6,500,640
309 PROD MONT SYS FLD C	234	54.3	1,276,626	4,796,797
310 ANIMAL REPRODUCTION	483	209.5	9,498,703	17,079,032
311 IMP BIO EFF ANML PR	1363	520.2	19,707,934	72,367,239
312 ENV STRESS IN ANML	170	76.7	2,191,641	6,701,153
313 PROD MONT SYS ANML	286	62.2	2,137,032	10,045,195
314 RECH CTR FOLLYING I	12	10.9	2,118,936	3,597,060
315 IMP SYSTRC FARM SUPP	131	46.1	1,108,620	5,253,039
316 FARM BUSINESS MGMT	139	39.4	1,118,056	2,608,504
317 RECH/STRUCTU ANML F	84	17.4	512,565	1,910,154
318 NON-COM BIO TECH/DT	1178	620.4	21,070,772	53,790,425
SUBTOTAL	7806	3220.5	109,366,129	330,829,487

SERIES 400

401 NEW IMP FOREST PROD	211	244.0	11,604,502	16,933,391
402 PROD F & V IMP ACCE	276	57.3	1,729,116	4,971,034
403 NEW & IMP PMV PROD	234	149.0	6,651,610	11,175,114
404 MNT QUAL PRTS & VEG	219	115.1	5,580,113	9,179,985
405 PROD FLD CPOV INF A	372	142.3	7,270,165	11,647,063
406 NEW IMP PROD FLD CR	193	172.4	8,329,793	10,859,199
407 NEW IMP NON-PROD FC	103	114.2	7,218,745	8,164,264
408 MNT QUAL FIELD CROP	149	73.8	4,312,259	6,243,726
409 PROD ANML PR IMP AC	180	52.7	2,947,531	6,510,000
410 IMP MEAT MILK EGG P	307	133.4	5,459,002	10,706,379
411 IMP NON-PROD ANML P	39	43.9	2,855,251	3,208,439
412 MNT QUAL ANIMAL PRO	141	41.5	1,836,110	3,681,649
SUBTOTAL	2509	1285.1	65,796,196	102,660,245

SERIES 500

501 IMP GRACES & STANDS	97	45.0	3,093,686	4,230,424
502 MNT TIMBER PROCTCT	39	41.9	2,471,018	2,791,382
503 MNT EFF AGRI PROCS	115	116.5	5,040,115	7,913,969
506 SVLI DEMAND AND PRI	209	110.0	6,500,633	7,886,313
507 CONP REL IN AGPIC	66	20.6	797,250	1,035,489
508 DOMESTIC MNT DEVELP	66	22.4	1,006,448	1,312,333
509 PERFORMANCE MNTG SY	232	113.3	5,337,020	6,665,945
510 GROUT ACT MNT FOWER	69	26.7	1,100,120	1,405,424
511 IMP AGPIC STATISTIC	31	11.9	400,692	966,643
512 IMP GRACES FIRST PRO	20	11.6	678,049	874,151
513 PRCEC ANML PRST PRO	20	13.5	716,342	923,537
SUBTOTAL	1134	557.3	28,051,579	36,045,650

SERIES 600

601 FGN MNT DEVELP	79	93.9	4,292,051	4,887,684
602 EVAL FGN PROD AID F	3	0.3	9,977	22,251
601 TECH AID DEV CSTR	61	29.6	605,903	1,730,844
604 PRO SVLENT/MNTG MNG	27	27.7	1,850,173	2,009,764
SUBTOTAL	170	151.6	6,758,103	8,650,543

CLASSIFICATION	RD	SCIENTIST	RSG	PEO	APPE/	TOTAL	PROG	USDA	COR/WT/CA	WTH	SALES
CATEGORY	OF	YEARS	CSSS	ABSTRACT	(GROSS)	1977	1977	1977	1977	1977	1977
000											
001 RURAL HOUSING	62	29.0	1,325,840		2,133,263	*	*				
002 TRAIL & FARM DEC MAK	109	35.1	1,647,340		2,386,525	*	*				
003 RURAL POVERTY	44	8.4	551,272		596,787	*	*				
004 ECON POTENTIAL RURAL PE	114	32.0	1,390,599		2,147,472	*	*				
005 COMMUNICAT RURAL PE	139	25.6	1,067,441		2,712,330	*	*				
006 ADJUSTMENT TO CHANGE	165	59.3	2,416,366		4,258,046	*	*				
007 AGRIC ECONOMIC CHANG	136	71.1	5,632,475		7,142,474	*	*				
008 GOV'T PROGRAMS	51	12.4	1,463,762		1,539,324	*	*				
SUBTOTAL	907	321.6	15,537,824		23,411,347	*	*				
000											
001 AIR/ENV POLLUTION	661	442.5	19,477,053		37,964,837	*	*				
002 OUTDOOR RECREATION	184	61.1	2,765,026		4,786,814	*	*				
003 MULTI-USE-FOREST PM	82	31.7	1,770,579		2,544,111	*	*				
004 WILDLIFE AND FISH ECG	590	220.2	6,191,536		19,744,004	*	*				
005 TREES REAFFORESTATION	115	39.9	2,279,413		4,212,585	*	*				
006 GRASSLAND & TREE DEV	614	236.7	6,560,999		19,320,926	*	*				
007 RURAL INCOME IMP	193	57.2	1,921,224		3,550,863	*	*				
008 RURAL INSTITUT IMP	317	97.5	3,300,306		6,495,301	*	*				
009 UNCLASSIFIED	46	128.9	1,107,117		14,281,112	*	*				
SUBTOTAL	3011	1117.7	45,352,876		112,619,655	*	*				
000											
001 IN SERV OF MAN											
GRAND TOTAL	25062	11345.3	516,376,493		1,931,711,767	*	*				

CLASSIFICATION	NO OF PPQS	SCIENTIST C\$ 1977	REG FED APPR/ CNSR ADMSTFIC (GROSS) 1977	TOTAL PUMPS (GROSS) 1977	USDA CON SYS 1977
0100 SOIL AND EMBD	1336	519.5	19,630,767	45,268,417	
0200 AIR	499	336.5	15,155,215	31,221,187	
0300 WATERWESS OVER BAS	239	202.0	16,895,782	22,087,076	
3400 AIR AND CLIMATE	159	62.0	2,072,662	6,667,211	
0500 RECREATION RESOURCES	181	67.5	4,453,721	6,280,557	
0600 TREES FOREST PRODUCT	1135	1062.1	73,060,855	95,947,635	
0700 RANGE	322	101.1	8,030,471	13,687,411	
0800 MOLLUSK AND FISH	585	223.7	6,635,740	20,019,625	
0900 LITUS SUB TREE PROD	372	211.7	9,272,345	15,112,463	
1000 FRUIT NUTS LEGUMINO	1170	435.9	16,551,620	43,556,293	
1100 ICETAGES	366	140.9	5,516,277	11,144,241	
1200 VEGETABLES	1489	570.5	17,622,026	41,046,253	
1300 ORNAMENTALS TURF	635	244.2	6,794,374	19,810,114	
1400 CORN	571	361.6	12,368,754	29,645,192	
1500 BEAN CORN	400	62.6	2,722,434	6,135,171	
1600 RICE	179	61.6	2,352,026	5,246,554	
1700 WHEAT	777	267.6	11,793,200	21,261,101	
1800 OTHER SMALL GRAINS	487	115.3	5,099,401	5,619,686	
1900 PASTURE	134	46.4	1,392,380	4,044,992	
2000 FORAGE CROPS	994	339.7	12,113,359	26,366,657	
2100 COTTON	556	397.4	24,726,113	35,560,917	
2200 COTTONSEED	52	31.6	2,316,554	2,543,607	
2300 SOYBEANS	923	314.6	13,912,419	26,136,599	
2400 PEANUTS	220	86.3	3,770,172	7,042,335	
2500 OTHER OILSEED CROPS	116	35.0	1,769,657	3,019,078	
2600 TOBACCO	226	113.5	5,421,510	10,522,215	
2700 SUGAR CROPS	245	110.1	6,143,604	9,827,157	
2800 OTHER NEW CROPS	154	65.9	2,564,676	5,592,806	
2900 PULTRY	471	347.2	16,615,077	35,465,656	
3000 CATTLE	1315	502.4	32,117,219	77,213,660	
3100 DAIRY CATTLE	6211	469.6	24,678,221	53,112,281	
3200 SWINE	676	231.2	15,016,669	31,379,657	
3300 SHEEP AND WOOL	451	134.1	9,433,818	15,085,506	
3400 OTHER ANIMALS	111	123.4	1,633,647	10,975,257	
3500 BEEF AND LAMBS	72	49.5	2,778,526	3,597,060	
3600 FARM CUPP & FACILITIES	114	53.4	2,162,393	3,482,273	
3700 CLOTHING & TEXTILES	67	21.4	575,051	1,074,112	
3800 FOOD	514	324.4	16,111,734	27,716,236	
3900 HOUSING & EQUIP	253	89.8	1,303,310	8,749,950	
4000 PEOPLE AS INDIVIDUAL	714	47.8	12,421,336	20,017,921	
4100 FAMILY MEMBERS	236	55.6	3,624,002	3,766,394	
4200 FARM AS BUSINESS	179	76.2	1,213,804	5,216,784	
4300 SOC POLIT ORGANIZ	477	157.6	5,388,768	9,422,251	
4400 AGRIC ECONOMY & S	117	67.2	4,174,356	6,808,808	
4500 AGRIC ECONOMY FORM	44	51.6	3,968,318	4,936,122	
4600 FARM COOPERATIVES	76	27.7	1,170,244	1,420,743	
4700 COT MARKET PROCESS	45	11.7	364,007	465,285	
4800 MARKETING SYSTEMS	111	37.5	2,239,289	2,854,861	
4900 WEEDS	37	24.4	1,606,151	2,134,572	
5000 PEST RESEARCH	37	15.2	625,369	1,473,354	
5100 BIO CELL SYSTEMS	220	87.3	1,174,640	7,706,411	
5200 EXP DESIGN/STAT METH	54	28.3	514,274	2,173,851	
5300 INVERTEBRATES	307	221.6	10,279,971	18,305,788	
5400 MICROORGANISMS, FIDUS	249	95.8	2,103,817	8,741,952	
5500 PLANTS	791	173.0	18,552,625	32,813,302	
5600 ANIMALS (VERTEBRATES)	104	125.6	2,803,471	12,764,751	
5700 RESEARCH ON RESEARCH	27	16.8	157,266	747,664	
5800 RESEARCH EQUIP & TECHNOL	105	32.9	333,884	3,162,431	
5900 UNCLASSIFIED	42	112.0	1,107,117	17,232,379	
TOTAL	25730	10991.4	514,343,476	1,004,066,705	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER PRO APPR/ CNSR ADMSTRG (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	NSDA CON/GT/CA SYS 1977	WITH SAR AMOUNT 1977
SERIES 100						
101 APPRAIS OF SOIL RES	154	65.5	1,154,178	5,471,319	*	
102 SOIL PLNT MTR MNTRI	584	227.5	9,033,075	20,128,511	*	
103 MGMT OF SALINE SOIL	74	36.6	2,204,079	3,722,386	*	
104 ALTERN USE OF LAND	131	43.8	2,064,154	5,522,160	*	
105 CONSERV USE OF WATE	297	109.3	5,216,431	10,102,347	*	
106 DRAIN AND IRRIGATION	137	64.7	3,414,435	5,695,061	*	
107 WATERHEED PROT & MG	266	233.3	10,956,314	26,068,251	*	
108 ECON LEG PROB OF WA	46	19.4	524,116	1,275,962	*	
109 WATERWEN ADAPT & MOD	114	37.7	883,498	4,604,130	*	
110 APPRAIS FORST & SAN	90	77.3	7,658,307	8,837,198	*	
111 BIOL CULT MGMT FORST	115	261.4	16,304,912	22,062,373	*	
112 IMPROV RANGE FORST	214	69.1	4,843,471	9,398,981	*	
113 DEFECT SENSING	47	17.3	772,772	1,791,482	*	
114 ASCH ON MGMT OF ESC	27	10.8	197,266	747,865	*	
SUBTOTAL	2594	1334.6	73,253,250	125,264,238	*	
SERIES 200						
201 CNTRL FORST INSECTIS	224	169.2	13,119,510	17,125,104	*	
202 CONTPOL FORST DIS	135	92.6	5,771,174	7,523,767	*	
203 FOREST FIRE PROTECT	37	71.9	6,894,659	7,292,940	*	
204 CNTR PESTS FRT & VEG	448	193.7	8,534,244	17,136,082	*	
205 CNTR WISE FRT & VEG	761	267.6	7,955,195	21,026,041	*	
206 CNTR WEEDS FRT & VEG	187	54.6	1,774,416	4,339,836	*	
207 CNTR PESTS FLD CROP	679	115.3	17,291,304	28,596,818	*	
208 CNTR DIS FIELD CROP	870	349.9	14,810,166	26,259,742	*	
209 CNTR WEEDS FLD CROP	372	137.1	5,820,614	12,204,087	*	
210 CNTR PESTS ANIMALS	116	62.9	4,001,753	5,784,654	*	
211 CONR DIS ANIMALS	613	376.6	27,787,459	46,471,069	*	
212 CNTR INTRR PARASITE	119	67.1	3,054,457	7,666,465	*	
213 PROT ANMLX FROM TOX	129	47.3	4,289,887	6,064,921	*	
214 PROTECT FROM POLLIN	236	70.5	3,333,746	7,626,045	*	
SUBTOTAL	4919	2766.5	126,231,475	215,816,732	*	
SERIES 300						
301 NEWLY DRIVED FORST C	103	65.0	4,086,615	5,941,083	*	
302 IMP FOREST ENG SYS	23	20.6	1,904,153	2,677,241	*	
303 ECON TIMBER PRODUCT	14	25.8	924,857	1,711,661	*	
304 IMP NIC EFF FRT & V	1084	417.9	9,630,008	35,453,365	*	
305 MECH PROO FRT & VEG	186	61.2	1,644,348	4,545,309	*	
306 PROD MGMT SYS F & V	85	22.0	316,426	1,686,154	*	
307 IMP BIO EFF FLD CROP	1053	806.1	24,905,011	75,063,060	*	
308 MECH PROD FLD CROP	164	69.4	3,957,178	6,589,086	*	
309 PROD MGMT SYS FLD C	204	52.3	1,274,626	3,798,277	*	
310 ANIMAL REPRODUCTION	470	197.7	9,658,783	26,669,277	*	
311 IMP BIO EFF ANML PN	1336	512.0	19,707,334	75,533,060	*	
312 EAY STRESS IN ANML	107	76.4	2,194,641	4,687,177	*	
313 PROD MGMT SYS ANML	283	65.4	2,139,032	3,684,613	*	
314 BEERS (ITH POLLUTNG I	72	49.9	2,798,936	9,097,060	*	
315 IMP STARC FARM SUPP	114	42.5	1,104,620	4,969,155	*	
316 PARH BUSINESS MGMT	137	48.2	1,110,856	2,744,067	*	
317 MECH/STRUCTS ANML P	84	15.4	512,585	1,918,154	*	
318 NON-CON BIO TECH/VE	1154	614.9	21,066,264	53,584,067	*	
SUBTOTAL	7595	3160.6	109,065,263	325,955,212	*	
SERIES 400						
401 NEW IMP FOREST PROD	144	179.2	11,444,938	15,140,110	*	
402 PROD F & V IMP ACCE	272	57.2	1,729,116	4,956,544	*	
403 NEW & IMP FGV PROD	242	168.8	6,651,610	11,162,297	*	
404 MGT QVAL PETS & VEG	245	115.3	5,500,113	9,179,985	*	
405 PROD FLD CROP IMP A	189	139.1	7,270,165	11,880,249	*	
406 NEW IMP PROD FLD CRO	189	144.3	8,329,793	10,727,318	*	
407 NEW IMP NON-PROD FC	122	111.9	7,216,785	8,150,808	*	
408 MGT QVAL FIELD CROP	147	71.8	4,112,258	5,623,726	*	
409 PROD ANML FR IMP AC	182	49.4	2,947,531	6,317,053	*	
410 IMP HEAT MILK EGG P	335	132.5	5,459,602	10,644,206	*	
411 IMP NON-PROD ANML P	139	43.9	2,855,251	3,208,419	*	
412 MGT QVAL ANIMAL PRO	139	41.3	1,838,110	3,642,628	*	
SUBTOTAL	2406	1240.7	65,636,131	100,201,679	*	
SERIES 500						
501 IMP GRAD2S & STANDS	97	45.0	3,091,686	4,230,426	*	
502 MGTG TIMBER PRODUCT	34	40.5	2,444,817	2,704,798	*	
503 MGTG EFF AGRI PROCS	112	117.7	5,940,115	7,829,347	*	
506 SPLY DEMAND AND PRI	208	130.0	6,506,438	7,875,727	*	
507 COMP REL IN AGRIC	66	20.6	797,250	1,015,409	*	
508 DOMESTIC MGT DEVELP	66	27.4	1,008,440	1,312,333	*	
509 PERFORMANCE MGTG SY	201	113.3	5,337,320	6,658,945	*	
510 GROUP ACT MGT POWER	64	25.8	1,108,120	1,276,265	*	
511 IMP AGRIC STATISTIC	31	11.9	806,692	986,643	*	
512 IMP GRADES FRST PRO	13	14.4	673,321	806,346	*	
513 FRICS ANML FRST PRO	14	11.2	676,910	791,513	*	
SUBTOTAL	1104	550.5	27,981,418	35,500,020	*	
SERIES 600						
601 MGN MGT DEVELP	79	93.9	4,292,051	4,887,684	*	
602 EVAL FOR FOOD AID P	3	0.3	9,977	22,251	*	
603 EVAL FOR FOOD AID P	54	28.3	487,730	1,486,681	*	

TABLE II-D SUMMARY OF SCI-TECHS AND FUNDS FOR 1977 BY PROGRAM AREA- NATIONAL TOTAL SAPS - USDA

CLASSIFICATION CATEGORY	NO OF FUND	SCIENTIST YEARS 1977	PRG PRG APPE/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/CT/C SYS 1977
SERIES 400					
401 RURAL HOUSING	49	27.8	1,329,840	2,040,244	*
402 INDIV & FAM SEC PLAN	151	31.6	1,647,360	2,205,556	*
403 RURAL POVERTY	35	7.5	551,272	625,714	*
404 ECON POTENTIAL DEVEL	27	29.3	1,303,590	1,850,634	*
405 COMMUNICAT PJEAL DE	123	27.1	1,069,408	2,472,097	*
406 ADJUSTMENT TO CHANGE	179	56.3	2,410,366	4,006,532	*
407 AGRIC ECONOMIC CHAN	132	76.2	5,632,375	7,061,456	*
408 GOV'T PROGRAMS	51	32.4	1,563,762	1,933,024	*
SUBTOTAL	916	284.3	15,456,193	22,331,462	*
SERIES 500					
501 ALLEY COLLECTION	217	521.7	19,446,627	36,755,741	*
502 OUTDOOR RECREATION	153	56.0	2,637,131	4,246,252	*
503 MULTI-USE-FOREST LG	71	30.1	1,711,157	2,445,150	*
504 WILDLIFE AND FISH ECO	453	198.1	6,072,366	17,795,570	*
505 TREES REAFForestation	109	36.3	2,276,729	3,849,642	*
506 ORNAMENT & PLANT DEV	616	230.4	6,566,498	15,018,717	*
507 RURAL INCOME IMP	176	54.3	1,521,228	3,241,996	*
508 RURAL INSTITUTE IMP	106	95.8	3,388,306	6,295,724	*
509 UNCLASSIFIED	42	112.0	1,187,117	1,232,175	*
SUBTOTAL	2247	1240.6	45,032,859	106,861,438	*
SCIENCE IN SERV OF MAN GRAND TOTAL	2346	1324.9	54,443,478	1,004,096,795	*

CLASSIFICATION CATEGORY	NO OF 1901	SCIENTIST OF YEARS 1977	PER F20 APPE/ CSES ADJUSTED (GROSS) 1977	TOTAL SPADS (GROSS) 1977	USDA C/S 1977	COB/67/CA WITH SAES AMOUNT 1977
WATER AND LAND	223	166.1	16,565,794	16,565,794	1.9	1,278,818
FISH	219	152.9	12,833,153	12,833,153	2.1	150,153
STRENGTHEN RIVER BAS	128	169.15	16,436,406	16,436,406	2.5	117,310
WIND AND CLIMATE	24	15.6	1,531,629	1,531,629	0.2	16,253
VEGETATION RESOURCES	18	24.7	3,567,024	3,567,024	3.0	237,600
FRESH FISH PRODUCT	267	728.7	66,463,737	70,715,809	3.2	1,154,210
WATER	11	72.1	7,384,401	7,609,324	0.1	327,955
SALINE AND FISH	16	58.6	4,962,968	5,377,499	0.0	435,514
FISHES SUB TROP FRUIT	92	69.0	3,362,212	3,726,884	1.4	225,930
WILD BIRDS DECIDUOUS	178	139.1	11,551,675	11,608,392	1.7	423,680
WILDCATS	64	55.6	6,115,675	6,221,710	2.5	274,534
WILDCATS	232	144.2	12,911,121	12,279,766	6.0	1,415,231
WILDCATS TUFF	59	17.1	4,418,123	4,684,477	3.9	210,514
WILDCATS	202	127.7	9,418,279	9,607,641	2.1	333,416
WILDCATS	110	30.2	3,143,636	2,745,317	0.0	126,285
WILDCATS	72	28.6	2,116,724	2,205,117	3.2	27,416
WILDCATS	140	121.4	9,790,125	10,805,337	0.4	414,346
WILDCATS SMALL GRAINS	113	51.6	3,551,536	4,072,746	2.1	917,990
WILDCATS	24	10.1	1,032,976	1,064,203	0.0	121,322
WILDCATS CROPS	157	101.7	9,551,652	9,766,231	1.1	466,546
WILDCATS	216	266.9	22,163,352	21,698,574	0.8	427,811
WILDCATS	36	10.1	2,280,114	2,277,079	0.0	1,006
WILDCATS	174	118.9	19,779,532	10,677,325	4.5	1,634,007
WILDCATS	40	12.2	3,371,625	3,430,891	0.0	241,105
WILDCATS OILSEED CROPS	33	20.4	1,655,239	1,126,259	0.0	0
WILDCATS	12	50.6	5,001,451	5,213,775	8.1	737,792
WILDCATS	67	53.3	5,257,956	5,350,765	0.1	66,760
WILDCATS NEW CROPS	13	19.8	2,655,145	3,116,111	0.5	81,202
WILDCATS	135	135.2	11,263,492	11,268,051	2.4	387,515
WILDCATS CATTLE	262	199.6	21,794,901	24,111,055	3.9	1,320,412
WILDCATS CATTLE	210	139.5	17,269,350	17,566,739	3.6	1,290,216
WILDCATS	151	64.1	11,695,115	12,367,508	4.2	992,707
WILDCATS AND WOOL	101	56.8	7,911,616	7,954,473	0.1	107,913
WILDCATS	46	17.7	2,356,026	2,459,791	0.0	55,956
WILDCATS AND HONEY	29	15.9	2,467,216	2,593,753	1.8	67,968
WILDCATS SUPP & FACILITIES	17	29.1	1,777,645	1,777,645	0.0	263,300
WILDCATS & TEXTILES	4	5.9	266,174	266,174	1.0	33,760
WILDCATS	91	185.4	13,651,459	16,102,545	1.0	394,264
WILDCATS & EQUIP	56	36.4	2,677,425	4,202,240	0.0	0
WILDCATS AS INDIVIDUAL	100	74.6	2,650,429	15,210,571	1.5	2,625,165
WILDCATS MEMBERS	27	14.11	2,716,727	2,716,727	0.0	1,724,121
WILDCATS AS BUSINESS	8	15.6	2,006,619	2,006,619	0.0	116,971
WILDCATS POLIT & HAVIZ	34	20.1	2,211,401	2,417,666	3.0	561,961
WILDCATS ECONOMIC U S	15	75.3	2,634,619	3,095,124	0.0	67,200
WILDCATS ECONOMIC WILDCATS	24	10.7	3,847,163	3,848,064	0.0	0
WILDCATS COOPERATIVES	36	21.1	960,535	945,109	0.0	0
WILDCATS MARKET PROCESS	6	3.2	212,861	327,134	0.0	0
WILDCATS MARKETING SYSTEMS	11	21.8	1,504,279	1,542,279	0.0	210,000
WILDCATS	31	18.9	1,423,626	1,459,101	0.9	262,353
WILDCATS RESEARCH	11	5.7	536,216	516,216	0.0	0
WILDCATS CELL SYSTEMS	14	5.8	480,965	480,965	0.0	35,507
WILDCATS DESIGN/STAT ACCTH	4	2.1	374,161	374,161	0.0	224,959
WILDCATS ESTABLISHES	62	117.1	9,501,631	9,045,671	1.8	115,127
WILDCATS TECHNOLOGIES, VIRUS	19	14.6	1,440,213	1,469,062	0.0	16,044
WILDCATS	208	158.5	15,822,523	16,510,091	2.2	3,079,021
WILDCATS (VEGETABLES)	60	17.6	1,785,610	1,876,736	0.2	15,122
WILDCATS EQUIP & TECHNICAL	14	7.0	671,624	714,072	0.5	63,003
WILDCATS CLASSIFIED	1	1.0	51,993	51,990	0.0	0
	1005	4496.9	412,979,594	416,272,571	70.2	26,415,307

CLASSIFICATION CATEGORY	NO ACRES	SCIENTIFIC FEAL 5 1977	REG REC ADP/PS CSES ACRES/PS (PAGES) 1977	TOTAL FUND (\$M) 1977	USDA CON/UT/CA SYD 1977	WITH SARE ACRES 1977
SERIES 100						
101 APPLS OR 1977 PRO	7	3.0	233,525	233,525	3.0	233,525
102 APPLS OR 1977 PRO	100	80.8	7,143,105	7,080,552	1.1	327,091
103 MNT OF SALINE SOILS	19	22.6	2,100,965	2,366,282	1.1	140,062
104 ALTERN USE OF LAND	17	23.7	1,081,609	1,218,100	0.0	20,000
105 CLOSURE USE OF WATER	64	57.1	4,674,338	5,169,212	0.1	14,005
106 FARM AND IRRIGATION	41	35.6	3,177,646	3,524,451	0.5	11,590
107 WATERWHL PLOT & MG	125	194.3	15,401,384	21,627,197	2.4	177,302
108 ECHN LIT. FROM OF WA	5	5.6	405,793	412,310	0.0	0
109 WATERSHED ADAPT & POL	10	4.0	312,922	353,201	0.0	27,900
110 APPLS FORST & FAN	12	57.4	7,361,620	7,508,470	0.0	0
111 ECHN CHIT MNT SARE	65	183.9	15,519,318	15,537,290	0.0	107,110
112 IMPROV RANGE PRIOR	57	42.0	4,423,611	4,544,215	0.1	291,252
113 REMOTE DEMONSTR	6	2.0	617,574	672,090	0.0	20,120
SUBTOTAL	541	712.1	64,598,517	71,631,165	4.0	1,197,451
SERIES 200						
201 CNTR PESTS INSECTS	65	116.6	12,313,716	13,409,420	0.0	995,157
202 CONTROL PESTS CFS	24	58.7	5,027,982	5,192,253	0.0	10,000
203 FOREST FIRE PROTECT	29	79.1	6,795,117	7,110,150	0.0	0
204 CNTR PESTS FFI & VE	106	65.1	7,045,721	7,214,656	2.4	102,055
205 CNTR DIST FFI & VE	118	58.5	5,307,755	5,510,336	0.1	120,011
206 CNTR PESTS FFI & VE	29	8.6	1,114,346	1,119,396	0.0	16,131
207 CNTR PESTS FFI CHOP	205	153.4	14,647,596	14,979,364	1.1	117,194
208 CNTR DIST FIELD CHOP	218	136.7	11,815,705	11,877,531	1.0	100,150
209 CNTR WEEDS FFI CHOP	89	51.7	4,555,850	4,626,826	1.2	107,152
210 CNTR PESTS ANIMALS	25	23.8	3,558,510	3,601,194	0.0	0
211 CNTR DIST ANIMALS	146	145.1	25,527,025	25,032,310	0.1	0
212 CNTR INTR ANIMALS	27	35.5	4,518,261	4,578,797	0.2	22,000
213 FFI & ANIMALS FFI TOX	32	29.4	3,951,992	4,007,510	0.2	11,200
214 INSECT FROM TOXICIT	26	16.6	2,619,645	2,773,447	2.0	277,102
SUBTOTAL	1126	965.3	109,069,102	111,280,447	2.4	1,247,161
SERIES 300						
301 GENET RESOUR PROST F	1	35.4	3,265,513	3,377,130	0.0	0
302 IMP FOREST ENG USE	6	14.1	1,663,960	1,714,150	0.0	0
303 ECON TIMBER PRODUCT	5	10.0	721,513	742,520	0.0	0
304 IMP BIO EFF FFI & V	102	61.3	5,054,064	5,052,113	1.4	142,225
305 RECH PROS FFI & V	18	14.5	1,024,359	1,040,175	0.0	0
306 PROD ECON SYS F & V	3	0.6	66,495	65,423	0.0	0
307 IMP BIO EFF FFI CHOP	312	176.0	17,664,389	18,113,006	2.4	2,112,616
308 RECH PROD FIELD CHOP	35	36.6	3,496,873	3,110,121	0.0	2,111
309 PROD MNT BIO FFI CH	14	6.7	617,182	617,182	0.0	0
310 ANIMAL REPRODUCTION	20	34.9	5,447,570	5,447,570	2.1	1,111,111
311 IMP BIO EFF ANML PS	99	55.7	10,147,464	10,148,151	0.2	0
312 ENV STRESS IN ANML	18	10.6	1,167,794	1,164,572	0.0	0
313 PROD MNT SYS ANML	16	4.3	1,167,677	1,162,466	0.1	0
314 RECH STCH FOLLOWING F	25	31.4	2,567,613	2,593,753	1.0	0
315 IMP STCH FARM SUFF	26	8.2	763,535	1,000,415	0.0	0
316 FARM BUSINESS MNT	1	0.0	76,971	76,971	0.0	0
317 RECH/STRESS ANML F	16	3.1	340,000	112,660	0.0	0
318 MCH-COP BIO TECH/BI	177	207.2	17,637,718	18,512,551	1.4	0
SUBTOTAL	959	719.5	74,331,315	78,920,770	1.4	1,221,111
SERIES 400						
401 NEW IMP FOREST PROCO	27	113.5	10,456,060	10,902,210	0.0	0
402 PROD F & V IMP ACCE	17	10.3	1,159,596	1,164,121	0.0	0
403 NEW & IMP DEV PROD	24	77.5	5,517,910	5,769,910	0.0	0
404 MNT QUAL FFI & VEG	61	50.1	4,121,004	4,264,150	0.0	0
405 PROD FFI CHOP FFI CH	139	75.7	6,301,085	6,356,760	2.1	21,111
406 NEW IMP PROD FFI CH	59	116.6	7,607,104	7,600,770	0.0	0
407 NEW IMP NON-FOOD FC	53	98.7	6,472,846	6,990,600	0.0	0
408 MNT QUAL FIELD CHOP	44	51.5	3,093,661	3,971,503	0.2	0
409 PROD ANML PR IMP AC	16	8.9	1,524,550	1,526,527	0.0	11,760
410 IMP MEAT MILK ZOO P	26	47.0	3,301,972	3,137,913	0.0	0
411 IMP NON-FOOD ANML F	18	40.0	2,800,075	2,843,549	0.0	0
412 MNT UDAL ANIMAL FRC	17	10.9	973,476	995,011	0.1	0
SUBTOTAL	503	701.0	54,631,172	55,018,021	1.4	117,160
SERIES 500						
501 IMP GRADES & STANDS	27	25.3	2,662,922	2,785,651	0.2	0
502 MNTS TIMBER PRODUCT	11	35.6	2,303,290	2,440,520	0.0	0
503 MNTS EFF AGS: PROCS	87	62.5	4,232,756	4,441,051	0.7	0
506 SPLY DEMAND AND PRI	44	87.2	5,046,706	5,046,706	0.1	0
507 COMP REL IN AGRIC	3	12.1	512,752	511,752	0.0	0
508 DOMESTIC MNT OBYSLF	4	13.7	774,363	779,170	0.0	0
509 PERFORMANCE MNT SY	46	62.9	3,786,391	3,894,220	0.0	0
510 GROUP ACT MNT POWER	37	21.1	955,935	1,000,169	0.0	0
511 IMP AGRIC STATISTIC	2	4.9	305,097	305,097	0.0	0
512 IMP GRADES FIRST PRO	2	10.0	646,903	646,000	0.0	0
513 PRICE ANAL FIRST PRO	3	8.6	592,500	593,240	0.0	0
SUBTOTAL	277	342.8	21,858,752	22,316,334	1.6	0
SERIES 600						
601 MCH MNT OBYSLF	24	80.7	3,982,364	3,084,964	0.0	0
603 TECH ANL DEV CFIR	18	15.6	522,992	870,985	0.0	0
604 PROD OYSLF/MNT PEG	17	20.0	0	0	0.0	0

CLASSIFICATION CATEGORY	NO OF PPC.I	SCIENTIST YEARS 1977	REG. FEO APPS/ CRPS ADJUSTED (GROSS) 1977	TOTAL FJMS (GROSS) 1977	USDA COB/GT/CA SYS 1977	WILH SASS AMOUNT 1977
000						
USAL HCCSING	11	14.7	1,114,939	1,367,640	0.0	0
ALIV & FAM DEC MAK	12	4.6	1,037,767	1,037,767	0.0	606,401
USAL POVERTY	5	0.0	373,643	373,643	0.0	373,643
COM PLTENT RURAL SP	11	5.6	693,227	693,227	0.0	147,027
COMMUNICAT RURAL WR	6	0.0	750,460	750,460	0.0	750,460
ADJUSTMENT TO CHANG	13	15.3	1,515,574	1,515,574	0.0	231,074
AGRIC ECONOMIC CHAM	22	44.9	5,099,398	5,125,181	0.0	100,000
OVY'S PROCEPANS	16	26.1	1,188,691	1,413,999	0.2	11,700
SUBTOTAL	100	111.4	11,973,701	12,257,671	0.2	2,506,107
960						
LIEV COLLECTION	157	197.3	15,730,207	16,893,216	2.0	707,964
WCCOR RECREATION	12	16.2	1,811,749	1,892,449	0.0	213,600
OLTI-USE-FOREST FO	9	16.5	1,487,563	1,610,970	0.0	0
LMISE AND FISH ECO	61	57.0	4,651,221	5,043,666	0.0	311,315
PEBS IDENTIFICATION	10	11.5	1,576,510	2,094,414	0.2	181,320
PLAMENT & TURE DEV	55	36.6	4,228,520	4,494,260	0.9	150,514
USAL INCOME EMP	13	10.7	676,868	876,868	0.0	173,460
USAL INSTITUT INF	25	18.6	1,131,644	1,189,644	0.0	256,744
UNCLASSIFIED	1	1.0	51,900	51,900	0.0	0
SUBTOTAL	130	369.5	32,017,165	34,366,870	3.0	2,068,957
IN SERV OF MAN						
GRAND TOTAL	4141	4456.9	412,979,596	436,272,573	70.2	26,415,307

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INVENTORY OF AGRICULTURAL RESEARCH

IF II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PEOPLE AREA- AGRICULTURAL RESEARCH SERVICE

ARS

CLASSIFICATION CATEGORY	NO FED	SCIENTIST YEARS 1977	ERG PROD APPR/ CSES ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/INT/CA CYS 1977	WITH SALES AMOUNT 1977
IES 100						
01 SOIL PLNT WTR HUTPI	55	76.8	6,732,516	7,430,553	1.3	93,410
02 MGMT OF SALINE SOIL	14	22.5	1,989,385	2,243,882	1.1	39,047
03 CONSERV USE OF WATE	62	56.4	4,515,188	5,685,412	0.3	5,445
04 DRAIN AND IRRIGATION	41	35.6	3,177,146	3,526,453	0.5	31,550
07 WATERSHED PROT & MG	90	95.5	9,452,354	11,251,704	2.5	4,266
09 WEATHER ADAPT & MOD	4	4.0	389,574	422,313	0.0	0
12 IMPROV RANGE RESOUR	46	32.5	3,159,963	3,211,195	0.1	47,662
13 REMOTE SENSING	7	5.0	515,674	650,930	0.0	4,223
SUBTOTAL	164	330.2	30,047,361	34,420,534	5.8	264,925
IES 200						
01 CONTR FOREST INSECTS	6	6.1	381,942	846,609	0.11	0
04 CONTR PESTS FMT & VE	33	69.1	6,840,533	7,331,510	2.4	179,667
05 CONTR FIER FRT & VEG	119	56.9	5,232,968	5,273,544	5.2	273,226
06 CONTR WEEDS FRT & VE	21	10.0	777,965	777,965	0.6	22,158
07 CONTR PESTS FLD CROP	196	154.4	14,283,135	14,596,797	3.3	250,949
08 CONTR DIS FIELD CROP	209	136.7	11,302,069	11,360,690	1.0	177,312
09 CONTR WEEDS FLD CROP	42	51.7	4,416,253	4,665,279	1.2	205,913
10 CONTR VESTR ANIMALS	24	11.9	3,555,510	1,601,958	0.4	40,469
11 CONTR DIS ANIMALS	141	145.3	24,220,219	24,731,224	9.2	613,343
12 CONTR INTER PASTORALS	27	37.5	4,516,261	4,573,737	0.2	22,816
13 CONTR ANIMALS FROM TOX	12	20.4	3,553,952	4,305,310	0.2	9,528
14 CONTR FROM POLLUT	11	10.6	763,243	763,243	0.0	0
SUBTOTAL	955	717.8	80,221,141	82,035,276	25.6	1,827,577
IES 300						
04 IMP PRO DEF PROT & V	69	61.1	5,186,351	5,353,337	1.5	43,432
05 MECH PRO DEF FRT & VEG	18	14.9	1,029,359	1,043,675	0.0	0
06 PROD MGMT SYS F & V	1	0.8	68,455	96,421	0.0	0
07 IMP PRO DEF FLD CROP	282	175.0	14,561,514	15,281,431	2.0	130,109
08 MECH PROD FLD CROP	48	38.9	3,463,543	3,776,400	0.0	0
09 PROD MGMT SYS FLD C	10	3.5	370,571	370,571	0.0	0
10 ANIMAL REPRODUCTIVE	42	15.9	5,485,405	5,501,693	2.1	156,802
11 IMP BIO DEF ANML PP	92	55.7	6,721,553	8,722,662	0.7	72,222
12 NEW STRATEGIES IN ANML	17	9.4	1,083,738	1,100,512	0.0	0
13 PROD MGMT SYS ANML	5	3.1	644,156	660,943	0.1	3,422
14 IMP DIS POLLUTNG IN	29	33.9	2,567,516	2,593,751	1.1	67,568
15 IMP STRUC FARM SHED	27	8.2	527,755	1,746,655	0.1	0
17 MECH/STRUCTURE ANML P	14	3.1	340,308	810,660	0.0	0
18 NON-CON INT TECH/RES	169	207.4	17,222,128	18,166,941	3.9	209,631
SUBTOTAL	652	653.9	61,665,349	65,735,017	12.4	603,586
IES 400						
02 FOOD F & V IMP ALCE	35	10.3	463,178	971,206	0.0	0
03 NEW & IMP P&V PROD	44	72.5	5,517,914	5,749,934	0.0	0
04 MKT QUAL FRTS & VEG	43	56.3	4,121,006	4,264,550	1.4	28,442
05 PROD FLD CROP IMP A	131	75.7	6,199,616	6,241,132	2.1	128,049
06 NEW IMP PROD FLD C	59	110.6	7,607,604	7,660,770	0.0	0
07 NEW IMP NON-PROD FC	51	99.9	6,197,648	6,296,290	0.0	0
08 MKT QUAL FLD CROP	44	51.5	3,611,061	3,924,533	0.2	31,768
09 PROD ANML P&V IMP AC	15	6.9	1,476,258	1,478,727	0.0	0
10 IMP MEAT MILK EGG P	20	47.3	1,101,971	3,137,030	0.0	0
11 IMP NON-PROD ANML P	16	60.0	2,800,075	2,893,989	0.0	0
12 MKT QUAL ANIMAL PRO	10	10.9	865,276	906,813	0.1	29,660
SUBTOTAL	549	587.2	43,729,310	44,670,392	3.9	219,511
IES 500						
01 IMP HEADERS & STANDS	24	24.1	2,583,586	2,700,041	0.2	17,112
03 MKT EFF AGRI PROD	62	51.2	3,250,768	3,461,063	0.4	3,422
06 SPPLY DEMAND AND PPI	1	0.2	8,606	8,606	0.0	0
09 PERFORMANCE MKTG SY	11	6.1	290,156	316,334	0.0	0
SUBTOTAL	101	80.6	6,141,160	6,405,754	0.6	20,534
IES 600						
01 TECH AID DEV CRTY	16	15.6	536,227	824,220	4.9	228,558
04 PROD DVLPMT/MKTG PRG	17	26.9	1,033,746	1,942,875	0.0	0
SUBTOTAL	33	42.5	2,375,972	2,767,094	4.9	228,558
IES 700						
01 TOX RES IN FOOD	33	46.2	3,891,328	3,951,044	0.1	14,973
02 FOOD PROT FROM TOX	60	90.1	6,420,721	6,485,602	1.4	61,724
03 FOOD CONSUMP HABITS	9	54.0	3,728,316	6,028,316	0.0	0
04 HOME COMM FOOD SERV	3	7.3	145,367	477,184	0.0	0
05 SEL CARE CLOTH & TE	4	5.0	258,174	258,174	1.0	33,760
06 CONTR INSECTS AFF M	30	32.1	3,242,299	3,549,881	2.3	60,429
07 TRANS ANIMAL MAN UI	3	1.4	62,580	113,918	0.0	14,010
08 HUMAN NUTRITION	74	98.4	9,216,046	9,707,230	1.4	124,890
09 REDUCE HAZ HLTH & S	56	81.6	6,252,989	6,203,951	6.6	603,203
SUBTOTAL	272	419.1	33,216,539	36,858,499	12.8	912,988
IES 800						
01 RURAL HOUSING	6	4.0	355,339	565,640	0.0	0
02 INDIV & PAR DEC MAK	4	4.8	348,366	348,366	0.0	0

COMPLETION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG. FEE APPR/ CSES ADJUSTED ;G50531 1977	TOTAL FUNDING (G50531) 1977	USDA COR/CAT/CN 1977
1100 SOIL AND LAND	24	0.3	1,153,181	1,153,181	0.0
1200 WATER	3	0.3	63,443	62,450	0.0
1300 WATERBODIES RIVER BAS	2	0.0	73,462	73,462	0.0
1400 RECREATION RESOURCES	1	0.0	235,630	235,630	0.0
1500 TIMBER FOREST MGMT	31	0.0	1,342,696	1,342,696	0.0
1600 RANGE	6	0.0	256,110	266,110	0.0
1700 WILDLIFE AND FISH	4	0.0	412,514	422,914	0.0
1800 DETAILS SUB-TAKE VEGET	7	0.3	99,729	99,729	0.0
1900 PERFECT WHITE DELICIOUS	6	0.3	322,565	322,565	0.3
2000 POTATOES	1	0.3	139,167	133,167	0.0
2100 VEGETABLES	22	3.3	1,032,230	1,040,230	0.0
2200 ORNAMENTALS TREES	4	0.3	215,503	215,503	0.0
2300 CORN	7	0.0	217,419	217,419	0.0
2400 GRAIN SOYBEAN	1	0.0	123,133	123,133	0.0
2500 OTHER	1	0.3	5,000	5,000	0.0
2600 WHEAT	6	3.0	317,677	317,677	0.0
2700 OTHER SMALL GRAINS	5	3.0	504,128	504,128	0.0
2800 PASTURE	1	0.0	119,972	119,972	0.0
2900 PASTURE CROPS	6	0.0	256,949	256,949	0.0
3000 COTTON	6	3.7	356,713	356,713	0.0
3100 COTTONSEED	1	0.3	1,004	1,004	0.0
3200 NUTRITION	17	0.0	1,602,088	1,602,088	0.0
3300 PPMUTS	4	0.0	214,725	214,725	0.0
3400 SWEET CORN	1	0.0	17,500	17,500	0.0
3500 MISC NEW CROPS	2	0.3	59,723	59,723	0.0
3600 MISC	3	0.2	165,542	165,542	0.0
3700 BEEF CATTLE	12	0.3	1,091,349	1,091,349	0.0
3800 DAIRY CATTLE	7	0.3	1,042,251	1,042,251	0.0
3900 SWINE	9	0.3	633,443	633,443	0.0
4000 SHEEP AND WOOL	2	0.0	85,334	85,334	0.0
4100 OTHER ANIMALS	4	3.0	44,114	44,114	0.0
4200 FAIR SHIP & FACILITIES	3	0.0	257,999	257,999	0.0
4300 FOOD	11	0.0	382,454	382,454	0.0
4400 PEOPLE AS INDIVIDUAL	27	6.3	2,677,631	2,677,631	0.0
4500 FAMILY MEMBERS	17	0.3	1,726,421	1,726,421	0.0
4600 FARM AS BUSINESS	2	0.1	91,971	91,971	0.0
4700 SOC POLICY ORGANIZ	10	0.3	582,966	582,966	0.0
4800 AGRIC ECONOMY U.S.	1	0.0	60,000	60,000	0.0
4900 MARKETING SYSTEMS	4	0.3	210,000	210,000	0.0
5000 WEEDS	2	0.0	211,772	211,772	0.0
5100 EXP DESIGN/STAT TECH	3	0.3	224,959	224,959	0.0
5200 INVERTEBRATES	2	0.0	74,560	74,560	0.0
5300 MICROORGANISMS, VIRUS	2	0.0	46,765	46,765	0.0
5400 PLANTS	59	0.0	2,038,169	2,038,169	0.0
5500 ANIMALS (VERTEBRATES)	33	0.0	119,091	119,091	0.0
5600 FISH EQUIP & TECHNOL	2	0.0	32,900	32,900	0.0
TOTAL	384	0.3	21,933,036	21,933,036	0.0

103	SOIL PLANT WITH ROOTS	10	0.0	233,673	233,673	0.0	233,673
103	MGMT OF SALINE SOIL	1	0.0	101,030	101,030	0.0	101,030
104	ALTERA USE OF LAND	1	0.0	20,000	20,000	0.0	20,000
105	CONSERV USE OF WATER	1	0.0	9,000	9,000	0.0	9,000
107	WATERSHED PROT & MG	1	0.0	134,334	134,334	0.0	134,334
109	WEATHER ADAPT & MOD	1	0.0	27,948	27,948	0.0	27,948
111	BIOL CULT MGMT PORS	5	0.0	107,334	107,334	0.0	107,334
112	IMPROV RANGE RESOR	5	0.0	243,610	243,610	0.0	243,610
113	APPROX SEASING	1	0.0	21,900	21,900	0.0	21,900
	SUBTOTAL	39	0.0	1,132,726	1,132,726	0.0	1,132,726
SERIES 200							
201	CENTR FOREST INSECTS	2	0.0	945,957	945,957	0.0	945,957
202	CENTRAL FOREST DIS	1	0.0	50,000	50,000	0.0	50,000
204	CNTB PESTS FRT & VE	1	0.0	203,188	203,188	0.0	203,188
205	CNTB LEST FRT & VE	8	0.0	244,737	244,737	0.0	244,737
206	CNTB WEEDS FRT & VE	4	0.0	341,361	341,361	0.0	341,361
207	CNTB PESTS FRT CROP	1	0.0	378,251	378,251	0.0	378,251
209	CNTB DIS FIELD CROP	10	0.0	512,845	512,845	0.0	512,845
209	CNTB WEEDS FLD CROP	7	0.0	161,547	161,547	0.0	161,547
210	CNTB PESTS ANIMALS	1	0.0	1,000	1,000	0.0	1,000
211	CNTB DIS ANIMALS	5	0.0	300,000	300,000	0.0	300,000
214	PROTECT FROM POLLUT	10	0.0	277,042	277,042	0.0	277,042
	SUBTOTAL	91	0.0	3,419,584	3,419,584	0.0	3,419,584
SERIES 300							
304	IMP BIO EFF FRT & V	17	0.0	698,133	698,133	0.0	698,133
307	IMP BIO EFF FLD CRO	29	0.0	2,702,555	2,702,555	0.0	2,702,555
308	TECH PROD FLD CRO	1	0.0	23,333	23,333	0.0	23,333
309	PROD AGMT SYS FLD C	2	0.0	30,500	30,500	0.0	30,500
310	ANIMAL REPRODUCTION	7	0.0	450,185	450,185	0.0	450,185
311	IMP BIO EFF ANML PH	7	0.0	1,425,915	1,425,915	0.0	1,425,915
313	PROD MGMT SYS ANML	6	0.0	470,350	470,350	0.0	470,350
315	IMP STRIC FARM SUPP	1	0.0	237,700	237,700	0.0	237,700
316	FARM BUSINESS MGMT	1	0.0	76,971	76,971	0.0	76,971
316	NON-CON VIC TECH/BI	8	0.0	415,610	415,610	0.0	415,610
	SUBTOTAL	80	0.0	6,539,902	6,539,902	0.0	6,539,902
SERIES 400							
402	FOOD ? F & V IMP ACCE	2	0.0	196,418	196,418	0.0	196,418
405	FOOD FLD CROP IMP A	1	0.0	113,384	113,384	0.0	113,384
409	PROD ANML PH IMP AC	1	0.0	47,800	47,800	0.0	47,800
412	MKT QUAL ANIMAL PRO	1	0.0	68,200	68,200	0.0	68,200
	SUBTOTAL	7	0.0	445,802	445,802	0.0	445,802
SERIES 500							
501	IMP GRAORS & STANDS	1	0.0	24,200	24,200	0.0	24,200
503	MKT RPT AGRI INOCUS	6	0.0	308,710	308,710	0.0	308,710
507	COMP REL IN AGRIC	1	0.0	30,000	30,000	0.0	30,000
509	ONBETIC MGT DEVELOP	4	0.0	10,500	10,500	0.0	10,500
509	PERFORMANCE MKTG SV	3	0.0	171,600	171,600	0.0	171,600
510	PROUT ACT MKT FOWEA	1	0.0	15,000	15,000	0.0	15,000
511	IMP AGRIC STATISTIC	1	0.0	106,121	106,121	0.0	106,121
	SUBTOTAL	19	0.0	754,539	754,539	0.0	754,539
SERIES 600							
603	TECH AID DEV CTRY	2	0.0	46,765	46,765	0.0	46,765
	SUBTOTAL	2	0.0	46,765	46,765	0.0	46,765
SERIES 700							
701	TCX RES IN FOOD	54	0.0	2,651,790	2,651,790	0.0	2,651,790
702	FOOD PROT FROM TOX	1	0.0	2,000	2,000	0.0	2,000
703	FOOD CONSUMY HABITS	12	0.0	692,762	692,762	0.0	692,762
707	TRANK ANIMAL MAN HI	1	0.0	1,000	1,000	0.0	1,000
708	HUMAN NUTRITION	19	0.0	1,575,573	1,575,573	0.0	1,575,573
709	REDUCE HAZ WITH F & S	2	0.0	259,192	259,192	0.0	259,192
	SUBTOTAL	89	0.0	5,182,317	5,182,317	0.0	5,182,317
SERIES 800							
802	INDIV & FAM DEC MAK	0	0.0	689,403	689,403	0.0	689,403
803	RURAL POVERTY	5	0.0	373,643	373,643	0.0	373,643
804	PCON TOTENT RURL PE	7	0.0	347,027	347,027	0.0	347,027
805	COMMUNICAT RURL PE	8	0.0	750,460	750,460	0.0	750,460
806	ADJUSTMENT TO CHANG	6	0.0	231,874	231,874	0.0	231,874
807	AGRIC ECONOMIC CHAN	2	0.0	75,000	75,000	0.0	75,000
	SUBTOTAL	36	0.0	2,467,407	2,467,407	0.0	2,467,407
SERIES 900							
901	ALLEY POLLUTION	13	0.0	689,256	689,256	0.0	689,256
902	OUTDOOR RECREATION	1	0.0	235,600	235,600	0.0	235,600
904	WILDFE AND FISH ECO	7	0.0	311,335	311,335	0.0	311,335
905	TREES DEAUTIFICATIO	2	0.0	170,000	170,000	0.0	170,000
906	ORNAMENT & TURP DEV	3	0.0	75,500	75,500	0.0	75,500
907	RURAL INCOME IMP	6	0.0	171,400	171,400	0.0	171,400
908	RURAL INSTITUT IMP	7	0.0	258,744	258,744	0.0	258,744
	SUBTOTAL	39	0.0	1,913,915	1,913,915	0.0	1,913,915
SCIENCE IN SERV OF MAN							
	GRAND TOTAL	397	0.0	21,903,036	21,903,036	0.0	21,903,036

CLASSIFICATION CATEGORY	NO OF PAGES	SCIENTIST YEARS 1977	REG FED APPR/ CSFS ADMSTRD (GROSS) 1977	TOTAL FUNDS (DOLLARS) 1977	USDA
1000 FOOD AND FIBER	21	22.5	1,103,760	1,213,540	
1010 WATERS	26	4.2	521,911	592,393	
1010 WATERS RES FISHES BAS	6	2.1	172,927	172,127	
1010 WATERS RES FISHES BAS	3	5.7	290,000	377,000	
1010 WATERS RES FISHES BAS	12	5.0	268,503	245,501	
1010 WATERS RES FISHES BAS	12	5.3	265,191	285,131	
1010 WATERS RES FISHES BAS	10	2.1	110,499	110,499	
1010 WATERS RES FISHES BAS	12	9.2	426,155	426,155	
1010 WATERS RES FISHES BAS	1	3.0	2,022	2,022	
1010 WATERS RES FISHES BAS	12	7.5	141,484	191,101	
1010 WATERS RES FISHES BAS	24	3.2	164,768	165,790	
1010 WATERS RES FISHES BAS	24	3.2	162,234	161,290	
1010 WATERS RES FISHES BAS	21	6.9	152,107	154,124	
1010 WATERS RES FISHES BAS	23	2.2	104,724	110,073	
1010 WATERS RES FISHES BAS	22	2.1	107,513	107,651	
1010 WATERS RES FISHES BAS	16	16.2	952,650	952,656	
1010 WATERS RES FISHES BAS	1	2.0	122,220	122,220	
1010 WATERS RES FISHES BAS	17	7.5	481,269	481,269	
1010 WATERS RES FISHES BAS	1	1.2	64,416	64,416	
1010 WATERS RES FISHES BAS	1	3.1	17,460	17,460	
1010 WATERS RES FISHES BAS	21	7.4	475,230	452,830	
1010 WATERS RES FISHES BAS	21	13.1	701,175	729,244	
1010 WATERS RES FISHES BAS	17	13.6	762,891	764,481	
1010 WATERS RES FISHES BAS	19	4.2	456,728	462,681	
1010 WATERS RES FISHES BAS	7	1.7	89,212	89,212	
1010 WATERS RES FISHES BAS	12	25.2	1,214,760	1,228,760	
1010 WATERS RES FISHES BAS	16	52.0	2,971,162	2,975,977	
1010 WATERS RES FISHES BAS	6	3.2	177,400	192,106	
1010 WATERS RES FISHES BAS	7	15.3	1,283,730	1,281,730	
1010 WATERS RES FISHES BAS	4	5.5	574,600	574,600	
1010 WATERS RES FISHES BAS	0	10.6	1,914,648	1,914,648	
1010 WATERS RES FISHES BAS	27	28.3	1,389,730	1,587,703	
1010 WATERS RES FISHES BAS	16	35.9	3,574,816	3,637,124	
1010 WATERS RES FISHES BAS	20	86.7	3,882,364	3,884,964	
1010 WATERS RES FISHES BAS	1	1.2	110,543	110,543	
1010 WATERS RES FISHES BAS	5	20.4	1,247,442	1,245,041	
1010 WATERS RES FISHES BAS	1	2.9	149,224	149,226	
1010 WATERS RES FISHES BAS	6	4.1	160,832	160,812	
1010 WATERS RES FISHES BAS	5	2.4	96,026	96,016	
1010 WATERS RES FISHES BAS	1	3.0	49,742	49,742	
1010 WATERS RES FISHES BAS	1	1.0	51,500	51,700	
TOTAL	519	458.3	27,414,114	28,054,606	

TABLE 11-2 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- ECONOMIC RESEARCH SERV

CLASSIFICATION CATEGORY	NO OF PAGES	SCIENTIST YEARS 1977	REG FED APPR/ CSFS ADMSTRD (GROSS) 1977	TOTAL FUNDS (DOLLARS) 1977	USDA
SERIES 100					
101 MGMT OF SALINE SOIL	1	0.1	10,900	38,400	
104 ALTERN USE OF LAND	16	23.7	1,061,600	1,198,100	
105 ECON LEG PROC GP WA	4	4.5	332,400	332,400	
SUBTOTAL	21	28.3	1,404,900	1,568,900	
SERIES 300					
309 PROD MGMT SYS PLO C	2	3.2	216,111	216,111	
312 ENV STRESS IN ANML	1	1.2	86,060	86,060	
313 PROD MGMT SYS ANML	1	1.2	51,163	51,163	
SUBTOTAL	4	5.6	353,334	353,334	
SERIES 500					
501 INF GRADES & STANDS	2	1.2	55,134	61,402	
503 MGT EFF AGRI PRODS	16	11.3	593,274	593,279	
506 SPLY DEMND AND PBI	3	87.0	5,038,049	5,038,099	
507 COMP REL IN AGRIC	12	12.1	482,752	481,752	
508 DOMESTIC MFT GENRIP	9	13.7	755,163	760,278	
509 PERFORMANCE MGTG SY	12	57.8	3,316,594	3,316,594	
511 INF AGRIC STATISTIC	1	3.9	198,968	198,968	
SUBTOTAL	110	187.0	10,440,289	10,452,372	
SERIES 600					
601 PGM MFT GENRIP	24	80.7	3,882,364	3,884,964	
SUBTOTAL	24	80.7	3,882,364	3,884,964	
SERIES 700					
703 PROD CONSUMP HABITS	3	12.5	679,615	679,615	
SUBTOTAL	3	12.5	679,615	679,615	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED PROJ ADP/CSRS ADMINISTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CT/CA SYS 1977	WITH SAES AMOUNT 1977
COOPERATIVES	36	21.1	940,935	945,109	0.0	0
	16	21.1	940,935	945,109	0.0	0

D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- FARM COOPERATIVE SERVICE FCS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED PROJ ADP/CSRS ADMINISTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CT/CA SYS 1977	WITH SAES AMOUNT 1977
0						
IMP ACT HKT TOWNS	36	21.1	940,935	945,109	0.0	0
SUBTOTAL	36	21.1	940,935	945,109	0.0	0
N SERV OF HAY						
GRAND TOTAL	36	21.1	940,935	945,109	0.0	0

CLASSIFICATION CATEGORY	NO OF FUND	SCIENTIST YEARS 1977	PER FID APRI/ CSPS ADMSND (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	NSDA COM/ST/CL SYS 1977
100 SOIL AND LAND	4	10.2	1,030,260	1,134,723	0.0
100 WATER	9	11.5	1,011,310	1,199,575	0.0
100 WATERSHED FOREST BAS	13	94.6	6,881,431	10,418,140	0.0
100 AIR AND CLIMATE	3	1.3	510,720	530,173	0.0
100 RECREATION RECREATION	17	25.7	3,331,424	3,477,769	0.0
100 TIMBER FOREST PRODUCT	153	712.1	11,647,215	17,116,016	0.0
100 RANGE	16	22.7	2,429,251	2,541,141	0.0
100 WILDLIFE AND FISH	10	56.5	3,301,674	4,197,165	0.0
100 HISTORIC & CULT	5	10.2	982,530	1,006,539	0.0
100 FIRE FOREST PROTECT	1	2.0	296,600	296,600	0.0
TOTAL	312	951.5	86,332,400	92,411,300	0.0

TABLE 11-0 SUMMARY OF SCI-TECHS AND FUNDS FOR 1977 BY FOREST AREA - U.S. FOREST SERVICE

CLASSIFICATION CATEGORY	NO OF FUND	SCIENTIST YEARS 1977	PER FID APRI/ CSPS ADMSND (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	NSDA COM/ST/CL SYS 1977
SERIES 100					
102 SOIL FINE AIR NOISE	1	2.0	172,320	172,320	0.0
105 CONSERVE USE OF WATER	1	0.0	130,150	174,600	0.0
107 WATERSHED FOREST & AG	36	56.6	8,614,996	10,241,155	0.0
108 ECON LBN PROD OF WA	1	1.1	73,300	79,790	0.0
110 APPRAISE FOREST & RAN	12	57.4	7,361,820	7,504,870	0.0
111 BIOL CULT MNT FOR	5	163.9	14,432,004	14,433,660	0.0
112 IMPROVE RANGE RESOUR	5	4.5	1,620,260	1,067,510	0.0
SUBTOTAL	110	351.6	32,009,650	34,703,335	0.0
SERIES 200					
201 CONTROL FOREST INSECTS	34	116.5	11,052,800	11,611,500	0.0
202 CONTROL FOREST DIS	23	56.7	4,977,982	5,142,457	0.0
203 FOREST FIRE PROTECT	20	70.3	6,794,435	7,136,150	0.0
204 PROTECT FROM COLLID	3	6.0	1,669,930	1,731,100	0.0
SUBTOTAL	60	249.6	24,495,147	25,621,207	0.0
SERIES 300					
301 GENET BREED FOREST T	42	35.4	3,285,530	1,177,130	0.0
302 IMP FOREST ENG SYS	6	14.1	1,863,900	2,174,800	0.0
303 ECON TIMBER PRODUCT	5	10.9	721,520	742,520	0.0
SUBTOTAL	23	60.4	5,870,950	6,294,450	0.0
SERIES 400					
401 NEW LBN FOREST PROD	27	113.3	10,456,060	10,902,230	0.0
SUBTOTAL	27	113.3	10,456,060	10,902,230	0.0
SERIES 500					
502 PROG TIMBER PRODUCT	11	35.6	2,343,420	2,440,520	0.0
502 IMP GRADES FOREST PRO	2	19.0	646,900	664,800	0.0
503 FOREST ANAL FORE PRO	3	8.6	392,510	541,240	0.0
SUBTOTAL	16	54.2	3,581,830	3,646,560	0.0
SERIES 600					
601 RURAL HOUSING	2	6.0	486,700	529,100	0.0
SUBTOTAL	2	6.0	486,700	529,100	0.0
SERIES 900					
901 AILEY POLLUTION	5	19.1	1,666,850	2,016,340	0.0
902 OUTDOOR RECREATION	11	16.2	1,578,169	1,656,889	0.0
903 MULTI-USE FOREST PRO	5	18.5	1,487,560	1,630,970	0.0
904 WILDLIFE AND FISH ECO	28	56.2	4,220,754	4,619,849	0.0
905 TREES IDENTIFICATION	2	3.2	270,600	292,520	0.0
907 RURAL INCOME IMP	1	3.0	246,600	246,600	0.0
SUBTOTAL	60	116.2	9,478,553	10,463,168	0.0
SCIENCE IN SERV CP MAN					
GRAND TOTAL	327	951.5	86,332,400	92,411,300	0.0

ACTIVITY CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	RECEIVED APPROPRIATIONS (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GI/CA SYS 1977	WITH SABS AMOUNT 1977
WATER AND LAND	1155	377.6	5,181,373	32,585,614	*	1,504,315
WATER	716	202.2	2,350,166	17,284,213	*	613,843
WATERSHEDS RIVER BAS	143	34.2	473,015	3,150,997	*	214,218
WATER AND CLIMATE	136	44.2	557,147	5,138,875	*	214,645
WATER CREATION RESOURCES	196	50.0	591,592	3,342,820	*	115,645
WATER FOREST PRODUCT	1266	462.9	7,917,303	35,972,934	*	1,097,907
WATER	255	71.5	671,135	6,518,825	*	156,387
WILDLIFE AND FISH	643	166.1	1,812,997	17,017,164	*	604,274
WILDLIFE SUB TOP FEAT	282	126.1	886,828	10,622,798	*	212,058
WILDLIFE DECIDUOUS	999	361.6	4,966,241	29,296,340	*	579,926
WILDLIFE	132	88.1	1,429,602	7,197,345	*	178,563
WILDLIFE	1283	481.6	5,610,443	31,530,449	*	1,110,080
WILDLIFE TURF	501	208.3	2,378,993	15,456,144	*	148,231
WILDLIFE	767	176.6	2,565,830	15,578,238	*	147,629
WILDLIFE	291	52.4	618,743	4,356,649	*	72,988
WILDLIFE	101	18.2	217,243	3,065,123	*	67,318
WILDLIFE	601	140.6	1,852,845	11,630,686	*	431,159
WILDLIFE SMALL GRAINS	391	79.6	1,146,161	7,351,123	*	737,327
WILDLIFE	171	37.7	352,406	3,546,576	*	174,791
WILDLIFE CROPS	895	241.3	3,561,744	20,288,515	*	681,786
WILDLIFE	189	117.4	1,463,061	13,174,638	*	893,255
WILDLIFE	12	3.1	44,441	245,561	*	22,567
WILDLIFE	772	209.6	3,152,607	17,912,780	*	1,433,327
WILDLIFE	196	48.3	466,745	4,076,069	*	347,657
WILDLIFE OILSEED CROPS	106	14.7	144,315	3,401,025	*	59,582
WILDLIFE	166	63.2	820,054	6,079,261	*	40,488
WILDLIFE CROPS	178	57.1	855,748	4,503,213	*	28,126
WILDLIFE NEW CROPS	112	27.2	329,532	2,516,611	*	45,355
WILDLIFE	733	249.4	5,551,594	24,724,640	*	684,962
WILDLIFE CATTLE	1183	392.8	6,312,315	55,179,267	*	2,622,846
WILDLIFE CATTLE	1037	326.9	7,408,857	37,364,382	*	830,924
WILDLIFE	545	157.5	3,317,530	20,703,756	*	1,083,060
WILDLIFE AND WOOL	347	77.1	1,524,199	10,191,155	*	173,423
WILDLIFE ANIMALS	376	106.0	1,187,370	8,759,757	*	303,360
WILDLIFE AND HONEY	43	17.0	211,820	1,071,275	*	34,290
WILDLIFE SUPPL & FACILITIES	103	27.9	364,747	2,252,452	*	329,028
WILDLIFE & TEXTILES	67	10.8	316,877	913,275	*	61,299
WILDLIFE	580	155.6	3,060,236	12,881,570	*	1,250,254
WILDLIFE & EQUIP	207	59.3	626,025	4,676,696	*	459,440
WILDLIFE AS INDIVIDUAL	710	195.6	2,968,999	15,217,110	*	2,108,345
WILDLIFE MEMBERS	217	40.4	889,025	3,361,701	*	605,229
WILDLIFE BUSINESS	178	60.9	1,206,945	3,455,467	*	236,104
WILDLIFE ORGANIZ	456	131.1	3,169,492	6,448,574	*	678,691
WILDLIFE ECONOMY U.S.	101	31.4	537,579	2,278,015	*	146,635
WILDLIFE ECONOMY FOREIGN	25	10.0	86,314	1,051,436	*	463,771
WILDLIFE COOPERATIVES	45	7.5	229,329	604,253	*	152,731
WILDLIFE MARKET PROCESS	31	8.5	171,222	532,351	*	5,585
WILDLIFE SYSTEMS	103	26.5	737,013	1,759,034	*	260,311
WILDLIFE	54	11.9	105,123	964,023	*	45,275
WILDLIFE RESEARCH	26	6.6	89,153	937,143	*	5,121
WILDLIFE CELL SYSTEMS	208	32.8	665,675	7,354,079	*	24,170
WILDLIFE DESIGN/STAY METH	60	27.4	167,696	2,148,244	*	314,705
WILDLIFE VERTEBRATES	247	104.7	791,335	8,635,486	*	110,947
WILDLIFE MICROORGANISMS, VIRUS	223	82.4	693,624	7,176,006	*	80,722
WILDLIFE ANTS	601	120.5	2,724,007	19,545,381	*	812,614
WILDLIFE (VERTEBRATES)	286	112.7	1,014,853	11,114,660	*	140,799
WILDLIFE RESEARCH ON RSCH AGM	27	10.8	197,266	741,865	*	126,329
WILDLIFE EQUIP & TECHNOL	101	27.9	251,669	2,551,649	*	54,396
WILDLIFE CLASSIFIED	47	127.9	1,055,217	14,229,212	*	607,189
	21909	6918.6	103,396,903	621,854,521	*	28,028,427

105 CONSERV USE OF WAGE	237	57.5	556,295	2,422,308
106 DRAIN AND INFESTATION	57	25.7	236,787	6,317,049
107 WATERSHED PROJ & AG	350	53.5	561,262	861,741
108 ECHO CTR PROJ OF WA	4	13.8	116,416	4,241,425
109 WEATHER ADAPT & MOD	137	35.3	494,491	1,731,630
110 AIRBATE FOREST & GUN	114	25.4	322,797	10,125,348
111 FUEL CULV WASTE FISH	407	116.0	2,411,127	9,991,159
112 IMPROV GUNGE RESCH	171	39.1	425,641	1,236,726
113 FISHING DEMONSTR	51	13.0	167,167	747,005
114 FISH CON MGMT OF FSC	27	16.0	191,206	62,666,137
SUBTOTAL	2362	711.8	9,627,267	

SERIES 200				
201 CATCH FIRST INSECTS	156	61.1	862,292	5,251,661
202 CATCH FIRST FOREST DIS	136	32.4	844,324	2,816,927
203 IMPROVED FISH PROJECT	20	2.3	6,324	23,194
204 CATCH FIRST FISH & W	352	125.4	1,488,523	10,444,129
205 CATCH FIRST FISH & W	652	215.1	2,371,150	16,005,142
206 CATCH FIRST FISH & W	165	48.8	660,272	3,606,191
207 CATCH FIRST FISH & W	393	165.4	2,623,718	16,450,116
208 CATCH FIRST FISH & W	662	212.6	3,002,481	16,000,454
209 CATCH FIRST FISH & W	285	87.5	1,240,470	7,981,643
210 CATCH FIRST FISH & W	51	29.5	403,243	2,422,164
211 CATCH FIRST FISH & W	479	243.9	3,260,410	25,514,420
212 CATCH FIRST FISH & W	94	31.9	535,156	3,127,619
213 CATCH FIRST FISH & W	89	20.1	332,954	2,060,693
214 CATCH FIRST FISH & W	229	56.7	689,254	5,368,668
SUBTOTAL	3935	1331.1	18,319,546	112,271,106

SERIES 300				
301 GROWTH FIRST FOREST T	132	37.1	1,058,295	3,278,181
302 GROWTH FIRST FOREST T	27	11.7	150,388	701,306
303 GROWTH FIRST FOREST T	59	16.2	234,441	1,215,471
304 GROWTH FIRST FOREST T	1001	369.2	3,744,924	30,523,352
305 GROWTH FIRST FOREST T	164	46.2	624,185	3,502,614
306 GROWTH FIRST FOREST T	21	21.2	267,932	1,594,690
307 GROWTH FIRST FOREST T	1501	447.9	7,240,922	60,615,157
308 GROWTH FIRST FOREST T	115	30.6	700,105	2,082,444
309 GROWTH FIRST FOREST T	190	55.6	657,434	4,210,115
310 GROWTH FIRST FOREST T	433	166.7	3,751,213	21,732,146
311 GROWTH FIRST FOREST T	1264	465.2	9,560,166	67,716,119
312 GROWTH FIRST FOREST T	172	66.1	1,023,803	7,516,580
313 GROWTH FIRST FOREST T	272	63.0	973,351	9,116,702
314 GROWTH FIRST FOREST T	43	17.6	211,420	1,071,275
315 GROWTH FIRST FOREST T	109	37.9	341,097	3,504,344
316 GROWTH FIRST FOREST T	136	49.4	1,041,085	2,608,506
317 GROWTH FIRST FOREST T	66	12.3	172,557	1,077,294
318 GROWTH FIRST FOREST T	1991	416.9	3,433,034	35,123,114
SUBTOTAL	6892	2513.1	34,956,813	259,112,277

SERIES 400				
401 NEW INF FOREST PROJ	166	100.5	1,148,442	6,011,163
402 NEW INF FOREST PROJ	230	46.9	569,519	1,919,100
403 NEW INF FOREST PROJ	203	111.2	1,133,657	5,385,140
404 NEW INF FOREST PROJ	196	60.5	1,459,107	4,941,876
405 NEW INF FOREST PROJ	233	68.7	967,162	5,511,735
406 NEW INF FOREST PROJ	134	36.8	722,189	3,198,410
407 NEW INF FOREST PROJ	50	15.2	245,897	1,165,848
408 NEW INF FOREST PROJ	45	22.5	419,197	1,682,983
409 NEW INF FOREST PROJ	172	47.8	1,422,974	5,011,274
410 NEW INF FOREST PROJ	279	86.4	2,157,030	7,307,349
411 NEW INF FOREST PROJ	21	3.9	55,176	364,450
412 NEW INF FOREST PROJ	120	31.2	664,634	2,604,497
SUBTOTAL	1921	588.0	11,165,025	47,437,923

SERIES 500				
501 IMP GRACES & STAKES	70	19.9	430,764	1,486,003
502 IMP GRACES & STAKES	28	6.3	127,728	350,862
503 IMP GRACES & STAKES	228	56.7	1,797,359	3,933,770
504 IMP GRACES & STAKES	165	43.5	1,454,132	2,924,178
505 IMP GRACES & STAKES	57	8.5	284,498	551,737
506 IMP GRACES & STAKES	57	9.7	232,085	552,055
507 IMP GRACES & STAKES	156	50.4	1,550,629	3,033,117
508 IMP GRACES & STAKES	32	5.6	152,185	460,315
509 IMP GRACES & STAKES	29	4.0	95,595	707,675
510 IMP GRACES & STAKES	16	3.6	32,049	209,351
511 IMP GRACES & STAKES	17	4.9	125,802	330,297
512 IMP GRACES & STAKES	857	216.1	6,129,627	11,624,039

SERIES 600				
601 FGM ACT DEVELOP	55	13.2	409,667	1,002,720
602 FGM ACT DEVELOP	3	0.3	9,377	22,251
603 FGM ACT DEVELOP	43	19.0	22,911	1,134,182
604 FGM ACT DEVELOP	10	0.8	10,427	66,889
SUBTOTAL	111	33.3	453,002	2,227,943

SERIES 700				
701 TOY RES IN FOOD	137	56.0	1,091,578	5,055,625
702 TOY RES IN FOOD	190	56.8	1,134,506	4,937,787
703 TOY RES IN FOOD	190	45.1	670,202	2,892,836
704 TOY RES IN FOOD	55	10.6	269,744	781,500
705 TOY RES IN FOOD	61	17.8	286,328	840,176
706 TOY RES IN FOOD	106	41.6	639,416	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER FED AID/CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COW/UT/CA SYS 1977	WITH SALES AMOUNT 1977
000						
RURAL HOUSING	34	14.3	214,801	762,423	*	92,673
RURAL & FARM DEC MAK	157	10.3	609,613	2,033,161	*	186,255
RURAL POVERTY	39	9.4	177,629	596,787	*	196,073
CON POTENTIAL RURAL PE	108	24.4	607,163	1,811,672	*	348,084
COMMUNICAT RURAL PE	131	29.6	316,980	2,762,300	*	245,622
COMMITMENT TO CHANG	172	43.7	894,492	3,014,396	*	286,766
AGRIC ECONOMIC CHANG	116	12.4	513,077	2,117,297	*	167,635
DEV'T PROGRAMS	35	6.5	175,070	518,725	*	37,162
SUBTOTAL	807	192.6	3,529,125	13,621,763	*	1,552,275
900						
WATER POLLUTION	704	247.2	1,738,646	21,859,585	*	1,606,570
WILDLIFE RECREATION	172	47.3	911,237	3,129,925	*	109,925
WILDLIFE-IGRESN TO	76	13.2	243,019	932,143	*	76,753
WILDLIFE AND FISH ECO	547	161.1	1,539,677	15,011,673	*	561,185
WILDLIFE RECREATION	97	26.5	302,552	2,296,566	*	82,372
WILDLIFE & FISH DEV	561	200.9	2,331,952	14,667,172	*	105,194
RURAL INCOME IMP	180	41.6	1,014,145	2,647,861	*	454,361
RURAL INSTITUTE IMP	293	74.1	2,103,663	5,364,403	*	397,294
WILDLIFE IMP	47	127.9	1,055,217	16,229,212	*	607,109
SUBTOTAL	2681	951.2	13,315,511	80,340,141	*	4,001,052
IN SEFF OF MAN						
GRAND TOTAL	20721	6919.6	193,396,903	621,954,521	*	28,020,427

CLASSIFICATION CATEGORY	NO OF ITEMS (1977)	SCIENTIFIC YEARS (1977)	FBS FED AGRIC CSRS ADMSTRD (GROSS) 1977	TOTAL FBS (GROSS) 1977	USDA CR/ML SYS 1977
1111 ALL AN. LAND	162	54.6	1,023,967	3,570,453	*
1112 WATER	27	39.7	432,364	1,615,561	*
1113 WATER-EDD. PLANT BAK	19	4.1	44,419	200,106	*
1114 AIR AND TEMPER	23	4.9	23,260	365,577	*
1115 RECREATION RESOURCES	41	12.1	367,115	740,500	*
1116 TREES, BUSH, PALM, JCT	212	75.8	1,710,788	4,721,598	*
1117 FISH	2	0.5	62,576	126,201	*
1118 FISH	123	34.2	403,301	1,215,178	*
1119 WILDLIFE AND FISH	3	0.2	7,366	26,250	*
1120 OTHERS AND TECH. PROJ	266	97.9	1,787,533	6,649,193	*
1121 FISH, BUSH, PALM, JCT	82	23.9	631,517	2,000,983	*
1122 FISH	295	75.3	1,313,109	5,751,363	*
1123 FISH	123	34.2	403,301	2,531,219	*
1124 OTHERS	92	23.8	465,465	1,619,010	*
1125 GRAIN CROPS	1	0.1	2,447	4,845	*
1126 RICE	1	0.1	871	3,425	*
1127 OTHER	22	2.7	59,971	252,798	*
1128 OTHER SMALL CROPS	22	2.3	35,320	218,421	*
1129 POTATOES	3	0.1	3,615	16,288	*
1130 LEGUME CROPS	170	25.2	551,733	2,351,632	*
1131 COTTON	2	0.2	1,651	30,776	*
1132 COTTONSEED	1	0.1	0	4,299	*
1133 SOYBEANS	54	15.2	154,276	609,660	*
1134 PEANUTS	3	0.3	1,366	43,100	*
1135 OTHER CROPPED CROPS	3	0.2	2,162	53,812	*
1136 LEGUMES	21	7.7	111,000	375,764	*
1137 SUGAR CROPS	1	0.3	2,130	5,026	*
1138 RICE, NEW CROPS	7	1.2	21,317	75,067	*
1139 POULTRY	154	62.6	1,003,270	5,540,708	*
1140 BEEF CATTLE	75	16.6	365,667	1,731,269	*
1141 DAIRY CATTLE	215	65.7	1,419,452	6,539,880	*
1142 SWINE	35	9.2	98,092	725,965	*
1143 SHEEP AND WOOL	43	9.1	195,117	799,270	*
1144 OTHER ANIMALS	104	37.3	291,406	2,599,279	*
1145 BEEHIVES AND HONEY	7	2.7	65,779	162,481	*
1146 FARM SUPPL. & FACILITIES	9	2.4	35,916	151,048	*
1147 CLOTHING & TEXTILES	2	1.6	30,237	76,770	*
1148 FOOD	91	29.4	769,093	2,582,457	*
1149 HOUSING & RESID.	31	11.7	161,140	799,305	*
1150 GROUPS AS INDIVIDUAL	130	43.2	701,793	1,129,512	*
1151 FAMILY MEMBERS	19	3.3	81,728	669,714	*
1152 FARM AS BUSINESS	21	7.1	145,578	401,512	*
1153 SOC. POLIT. OF FARM	98	33.2	931,702	2,136,307	*
1154 AGRIC. ECONOMY U.S.	13	3.3	57,449	167,215	*
1155 AGRIC. ECONOMY FOREIGN	7	5.6	21,109	133,309	*
1156 FARM COOPERATIVES	1	0.2	10,138	10,334	*
1157 OTH. MARKET PROCESSES	6	3.6	50,745	168,602	*
1158 MARKETING SYSTEMS	10	3.2	112,708	157,283	*
1159 VEHICLES	5	0.9	46,555	94,438	*
1160 SEED RESEARCH	10	3.2	25,410	139,179	*
1161 BIO CELL SYSTEMS	36	12.7	235,794	1,006,609	*
1162 ZEP. DESIGN/STAT. METH.	7	2.4	26,241	149,074	*
1163 INVESTIGATIONS	31	18.6	129,129	1,219,943	*
1164 MICROORGANISMS, VIRUS	51	14.1	212,441	1,155,637	*
1165 PLANTS	92	39.1	699,322	2,247,216	*
1166 ANIMALS (VERTEBRATES)	32	13.3	137,201	750,694	*
1167 MACH. EQUIP. & TECHNOL.	79	4.7	72,712	172,169	*
1168 UNCLASSIFIED	9	21.1	66,436	3,099,960	*
TOTAL	3062	1003.2	88,732,421	76,267,254	*

CLASSIFICATION	NO OF PROJ	SCIENTIST YEARS 1977	BEG FEB 1967/ CERS ADJUSTED (\$60SS) 1977	(INCLUDES SALES-FORESTRY SCH-OTHER INST) TOTAL FUND 1977	1977	1977	1977
SERIES 100							
101 AERIALS OF SOIL RES	27	5.6	106,393	659,886	*	4,161	
102 SOIL PLOT WTR NUTRI	56	10.9	381,326	1,358,249	*	39,921	
103 BUILT OF SALINE SOIL	1	0.5	1,256	1,256	*	0	
104 ALTERN USE OF LAND	28	9.2	228,247	530,592	*	10,731	
105 CONSERV USE OF WATS	11	2.5	63,531	190,726	*	0	
106 DRAIN AND IRRIGATION	4	0.5	26,403	55,643	*	0	
107 WATERFISHED PROT & MG	17	6.5	91,960	1,27,715	*	14,661	
108 ECOM LBN PROB OF WA	6	2.2	17,621	42,204	*	6,918	
109 WEATHER ADAPT & MOD	15	2.6	50,120	192,205	*	2,508	
110 AERIALS FOREST & RAN	13	2.7	73,937	184,969	*	0	
111 WOLF CULT HUNT FORS	62	16.4	844,215	1,131,554	*	26,051	
112 IMPROV FARMER YENGR	1	0.5	67,739	120,510	*	9,175	
113 REMOTE SENSING	13	1.2	18,975	124,536	*	0	
SUBTOTAL	254	69.6	1,599,911	4,915,389	*	122,515	
SERIES 200							
201 CNTRL POPUL INSECTS	35	16.5	284,119	1,691,856	*	94,541	
202 CONTROL FOREST DIS	16	6.1	131,348	136,776	*	1,071	
203 FOREST FIRE PROTECT	1	0.2	0	11,110	*	0	
204 CNTR PESTS FHT & VE	74	26.2	388,378	1,907,959	*	108,334	
205 CNTR DISE FHT & VEG	116	40.5	682,748	2,734,687	*	102,861	
206 CNTR WEEDS FHT & VE	31	10.1	197,265	635,193	*	7,271	
207 CNTR PESTS FLD CROP	40	7.1	160,074	727,141	*	147,545	
208 CNTR DIS FIELD CROP	35	11.9	243,669	921,485	*	1,371	
209 CNTR WEEDS FLD CROP	21	5.7	170,245	426,599	*	15,681	
210 CNTR PESTS ANIMALS	11	2.6	52,268	253,875	*	7,151	
211 CNTR DIS ANIMALS	102	12.9	766,727	4,402,273	*	39,631	
212 CNTR INSECT PARASITE	10	5.9	49,727	227,824	*	0	
213 PROT ANIMAL FROM TOX	16	4.1	9,611	27,534	*	0	
214 PROTECT FROM POLLUT	36	11.8	255,727	803,767	*	16,651	
SUBTOTAL	546	216.2	3,341,716	14,790,411	*	541,131	
SERIES 300							
301 GENRAL DEEP FOREST T	12	4.0	159,725	291,441	*	11,491	
302 IMP FOREST RES SYS	4	2.4	59,110	113,020	*	0	
303 ECOM TIMBER PROTECT	6	1.6	21,552	56,028	*	0	
304 IMP RIO EFF FHT & V	161	58.1	972,547	4,070,401	*	20,171	
305 BRUSH PROD FHT & VEG	28	9.4	219,216	617,422	*	131	
306 DEOD MGMT SYS I & V	9	2.6	65,490	141,059	*	1,211	
307 IMP WLD EFF FLD CROP	111	34.3	589,373	2,591,655	*	200,501	
308 MECH PROD FLD CROP	7	2.4	46,071	125,908	*	0	
309 PROD MGMT SYS FLD C	19	3.7	95,756	462,395	*	10,061	
310 ANIMAL REPRODUCTION	42	17.0	407,138	1,720,992	*	0	
311 IMP RIO EFF ANML PP	163	55.8	1,240,491	6,100,500	*	47,001	
312 ENV STRESS IN ANML	20	7.7	175,266	494,651	*	0	
313 PROD MGMT SYS ANML	41	14.5	40,494	96,1791	*	42,021	
314 DEER CTR POLLUTING I	7	2.7	45,779	162,441	*	1,001	
315 IMP STRUC FARM SUPP	21	6.8	108,436	524,577	*	98,201	
316 FARM BUSINESS MGMT	14	7.5	104,190	367,516	*	3,181	
317 MECH/STRESS ANML I	9	2.1	26,103	137,109	*	0	
318 NON-COM BIO TECH/BI	104	69.6	806,752	4,952,217	*	38,001	
SUBTOTAL	838	283.4	5,405,567	23,970,832	*	477,011	
SERIES 400							
401 NEW IMP FOREST PROD	38	17.1	252,352	641,171	*	13,001	
402 PROD F & V IMP ACCE	40	9.5	90,573	555,441	*	2,171	
403 NEW & IMP FRY PROD	37	15.4	193,450	937,696	*	171	
404 MGT CHAL FRY & YEN	57	23.3	706,737	1,654,868	*	23,091	
405 PROD FLD CROP IMP A	17	4.8	40,044	401,581	*	40,781	
406 NEW IMP FOOD FLD C	11	2.7	19,825	100,423	*	31,131	
407 NEW IMP DIS-PROD FC	2	0.4	4,933	74,839	*	0	
408 MGT CHAL FLD CROP	5	1.6	65,366	229,270	*	5,121	
409 (PROD ANML) IMP AC	16	5.1	149,895	476,991	*	0	
410 IMP MEAT MILK RES P	47	13.2	211,176	1,244,612	*	0	
411 IMP NON-FOOD ANML P	2	0.0	516	4,923	*	0	
412 MGT CHAL ANIMAL PRO	23	6.8	236,116	593,914	*	5,121	
SUBTOTAL	311	96.1	2,016,692	7,172,757	*	123,011	
SERIES 500							
501 IMP GRADE & STANDS	7	1.6	33,756	104,876	*	31	
502 MGT TIMBER PROTECT	4	1.1	23,710	61,605	*	8,031	
503 MGT EFF ACCE PRODS	11	8.0	212,969	421,916	*	35,541	
504 SPLY DEMAND AND PRI	22	7.3	229,711	353,730	*	0	
505 COMP REL IN AGRIC	7	0.9	26,976	53,508	*	1,001	
506 DOMESTIC MGT DEVELOP	4	0.8	19,754	81,467	*	0	
509 PERFORMANCE MGT SY	22	8.5	279,850	449,192	*	30,911	
510 GROUP ACT MGT POWER	3	0.7	10,330	17,968	*	0	
511 IMP AGRIC STATISTIC	3	1.0	15,093	41,049	*	0	
512 IMP GRADES POST PRO	1	0.1	1,183	3,285	*	0	
513 PRICE ANML FIRST PRO	2	0.3	9,131	12,699	*	0	
SUBTOTAL	107	29.4	662,075	1,601,303	*	75,521	
SERIES 600							
601 FOR MGT DEVELOP	4	1.6	45,020	110,260	*	0	
602 EVAL FOR FOOD AID F	1	0.1	0	5,436	*	0	
603 TECH AID DEV CTRY	6	6.5	2,637	135,730	*	0	
SUBTOTAL	11	8.2	47,657	251,436	*	0	

SERIES CATEGORY	OF SIC	YEARS 1977	CSES ADJUSTED (GROSS) 1977	(GROSS) 1977
SERIES 800				
801 RURAL HOUSING	4	3.0	15,350	128,087
802 INDIV & FAN DEC MAK	14	1.0	52,505	334,065
803 RURAL POVERTY	1	0.6	14,950	16,704
804 ECON POVERT RURAL FR	12	6.2	36,762	414,981
805 COMMUNICAT RURAL FR	46	3.8	31,849	786,495
806 ADJUSTMENT TO CHANG	15	4.2	102,404	421,320
807 AGRIC ECONOMIC CHAM	9	1.5	20,680	91,810
SUBTOTAL	101	28.9	377,447	2,224,547
SERIES 900				
901 ALLEY POLLUTION	338	53.5	913,121	1,835,725
902 OUTDOOR RECREATION	80	10.4	132,421	673,509
903 MULTI-USE-FOREST RD	37	4.9	123,249	290,310
904 WILDLIFE AND FISH ECO	100	31.6	155,598	2,448,805
905 TRAILS BEAUTIFICATION	12	4.4	123,262	251,508
906 ORNAMENT & TREE DEV	121	33.6	639,255	2,499,833
907 RURAL INCOME IMP	27	9.4	270,933	497,239
908 RURAL INSTITUTE INF	68	22.4	665,129	1,610,267
909 UNCLASSIFIED	9	21.1	66,436	3,059,960
SUBTOTAL	537	191.6	3,416,007	15,447,195
SEQUENCE IN SERV OF MAN				
GRAND TOTAL	2517	1303.2	10,732,423	76,247,254

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED [GROSS] 1977	INCLUDES SALES-FORESTP/ SCH-OPRFR INST) TOTAL FUNDS [GROSS] 1977	USDA CHQ/WT/CA WITH SAES SYS 1977	AMOUNT 1977
001 SOIL AND LAND	313	131.8	1,137,906	7,909,788	*	634,715
002 WATER	194	82.1	782,329	4,923,362	*	192,903
003 WATERSHEDS RIVER BAS	30	14.0	165,264	762,770	*	62,483
004 AIR AND CLIMATE	24	7.9	61,233	319,027	*	1,593
005 RECREATION RESOURCES	39	19.7	141,065	674,183	*	58,686
006 TIMBER FORST PRODUCT	191	146.0	2,887,372	11,905,245	*	674,616
007 RANGER	54	12.8	189,331	1,374,895	*	5,093
008 WILDLIFE AND FISH	220	81.5	960,868	4,591,791	*	303,714
009 CITRUS SJO TRCP FRUIT	131	70.0	518,531	5,150,517	*	57,206
010 PERMIT ENTS DECIDUOUS	330	104.7	1,522,046	4,741,757	*	302,523
011 POTATOES	35	7.5	80,113	661,851	*	5,227
012 VEGETABLES	464	203.3	2,133,767	14,328,236	*	101,281
013 ORNAMENTALS SHIP	203	90.6	1,004,467	6,238,915	*	70,658
014 CORN	221	93.0	664,916	3,621,127	*	34,301
015 GRAIN SCORUM	116	22.4	285,332	2,025,191	*	43,269
016 RICE	76	29.7	189,941	2,214,749	*	52,974
017 WHEAT	121	22.5	349,067	1,762,463	*	40,276
018 OTHER SMALL GRAINS	104	22.7	284,344	1,910,435	*	195,429
019 PASTURE	101	24.8	204,033	2,213,178	*	16,127
020 FORAGE CROPS	297	93.2	1,316,610	7,997,092	*	170,906
021 COTTON	288	94.7	1,467,069	9,885,768	*	742,351
022 COTTONSEED	10	1.7	31,103	128,300	*	22,567
023 SOYBEANS	392	106.3	1,699,848	9,234,980	*	619,067
024 PEANUTS	140	47.1	462,726	4,017,570	*	34,657
025 OTHER GILGEE CROPS	16	1.5	5,617	149,270	*	8,496
026 TOBACCO	131	53.1	689,903	5,448,101	*	90,488
027 SUGAR CROPS	66	17.1	669,905	2,795,732	*	21,159
028 MISC NEW CROPS	42	8.2	164,551	555,213	*	5,913
029 POULTRY	244	95.3	2,140,406	9,773,017	*	562,510
030 DEEP CATTLE	439	170.0	3,537,652	21,087,134	*	1,120,694
031 DAIRY CATTLE	327	116.2	2,631,141	13,258,439	*	132,575
032 SWINE	190	57.2	1,385,092	6,877,020	*	387,634
033 SHEEP AND WOOL	82	14.0	386,739	1,771,054	*	54,268
034 OTHER ANIMALS	195	36.7	460,559	2,720,838	*	265,513
035 BEES AND HONEY	5	2.0	21,981	70,225	*	11,754
036 FARM SUPP & FACILITIES	26	10.6	102,359	669,436	*	284,025
037 CLOTHING & TEXTILES	24	6.6	104,488	296,073	*	81,299
038 PCID	114	45.1	913,870	3,153,210	*	179,738
039 HOUSING & RUMPI	59	17.2	161,265	1,435,994	*	221,758
040 PEOPLE AS INDIVIDUAL	231	58.7	1,002,364	4,218,295	*	1,468,978
041 FAMILY MEMBERS	75	16.3	253,465	949,380	*	197,644
042 FARM AS BUSINESS	68	25.8	480,971	1,415,379	*	192,934
043 SOC POLIT RESEARCH	131	37.2	925,852	2,205,156	*	434,155
044 AGRIC ECONOMY U S	21	9.5	89,879	541,250	*	30,507
045 FARM COOPERATIVES	14	2.7	97,093	245,667	*	145,532
046 GEN MARKET PROCESS	16	2.7	51,754	176,278	*	0
047 MARKETING SYSTEMS	23	8.0	170,765	551,736	*	173,790
048 NEEDS	21	3.6	37,801	277,755	*	31,248
049 SRRD RESEARCH	4	0.7	37,260	104,970	*	5,091
050 HIGH CELL SYSTEMS	36	12.1	106,966	1,370,462	*	13,284
051 EXP DESIGN/STAT METH	10	6.2	21,502	512,463	*	10,484
052 INVERTBRATES	61	23.2	159,396	1,534,700	*	17,151
053 MICROORGANISMS, VIRUS	46	24.8	150,609	2,061,344	*	49,173
054 PLANTS	143	55.1	936,343	5,302,256	*	389,439
055 ANIMALS (VENTERATES)	65	15.9	254,905	1,582,611	*	37,470
056 RESEARCH ON RESEARCH	6	5.6	175,680	175,704	*	0
057 RESEARCH EQUIP & TECHNOL	17	4.3	11,217	319,673	*	0
058 UNCLASSIFIED	15	62.4	303,920	4,461,946	*	205,294
TOTAL	7366	2461.9	36,654,342	212,655,591	*	14,288,914

100 CAT FORT MFG WASTE	11	3.4	15,328	308,172
101 MFG OF SALINE SOL	16	10.9	173,602	620,172
102 GREEN USE OF WASTE	67	13.4	107,076	1,072,376
103 CONTINUED USE OF WASTE	21	6.2	41,132	351,932
104 LEAD AND INERTIC	37	5.6	182,586	1,620,164
105 WASTE/SHED FROM C FG	10	4.5	42,563	205,807
106 BURNING FROM C FG	15	2.5	33,641	219,753
107 WASTE/SHED FROM C FG	30	7.2	117,689	421,466
108 ALUMINUM FROM C FG	120	37.2	867,948	2,995,266
109 BURNING FROM C FG	42	10.6	173,400	1,133,090
110 ALUMINUM FROM C FG	7	2.5	43,605	263,132
111 BURNING FROM C FG	5	5.6	175,600	370,700
112 BURNING FROM C FG	526	184.8	2,699,466	15,290,184

SERIES 200				
201 CATTLE FOREST INSECTS	67	29.7	269,479	2,193,127
202 CATTLE FOREST INSECTS	50	12.5	363,730	1,127,230
203 CATTLE FOREST INSECTS	11	0.9	0	91,764
204 CATTLE FOREST INSECTS	110	49.1	477,777	3,227,469
205 CATTLE FOREST INSECTS	232	78.7	104,774	5,097,710
206 CATTLE FOREST INSECTS	57	20.2	216,722	1,182,314
207 CATTLE FOREST INSECTS	232	78.7	1,306,953	6,703,854
208 CATTLE FOREST INSECTS	293	97.9	1,354,135	7,126,540
209 CATTLE FOREST INSECTS	126	40.0	591,455	4,050,752
210 CATTLE FOREST INSECTS	39	16.4	262,410	1,269,677
211 CATTLE FOREST INSECTS	133	65.2	612,090	5,250,273
212 CATTLE FOREST INSECTS	40	13.5	210,309	1,643,134
213 CATTLE FOREST INSECTS	24	6.6	110,393	700,000
214 CATTLE FOREST INSECTS	61	13.2	126,646	1,294,524
215 CATTLE FOREST INSECTS	1465	514.5	6,030,372	31,625,154

SERIES 300				
301 CATTLE FOREST INSECTS	44	15.6	432,203	1,009,550
302 CATTLE FOREST INSECTS	5	2.8	59,945	295,614
303 CATTLE FOREST INSECTS	12	9.0	93,747	630,010
304 CATTLE FOREST INSECTS	353	151.1	1,259,663	11,600,510
305 CATTLE FOREST INSECTS	72	10.9	196,956	1,408,299
306 CATTLE FOREST INSECTS	29	11.2	123,949	134,745
307 CATTLE FOREST INSECTS	708	285.8	3,350,886	28,363,925
308 CATTLE FOREST INSECTS	55	16.4	252,133	1,477,677
309 CATTLE FOREST INSECTS	75	21.7	324,272	1,901,455
310 CATTLE FOREST INSECTS	171	66.3	1,490,698	8,266,740
311 CATTLE FOREST INSECTS	499	179.5	3,868,854	20,784,413
312 CATTLE FOREST INSECTS	63	15.6	271,119	1,668,956
313 CATTLE FOREST INSECTS	112	27.3	447,870	3,170,339
314 CATTLE FOREST INSECTS	5	2.0	21,961	94,225
315 CATTLE FOREST INSECTS	29	11.3	65,165	401,210
316 CATTLE FOREST INSECTS	56	21.6	421,729	1,225,757
317 CATTLE FOREST INSECTS	31	5.5	52,704	544,884
318 CATTLE FOREST INSECTS	211	94.1	746,061	7,699,162
319 CATTLE FOREST INSECTS	2578	955.9	13,491,555	96,870,562

SERIES 400				
401 NEW CATTLE FOREST INSECTS	47	25.6	421,279	1,708,470
402 NEW CATTLE FOREST INSECTS	91	16.1	232,951	1,359,007
403 NEW CATTLE FOREST INSECTS	63	21.7	467,892	1,850,730
404 NEW CATTLE FOREST INSECTS	44	10.1	111,420	903,195
405 NEW CATTLE FOREST INSECTS	101	27.0	319,073	2,283,502
406 NEW CATTLE FOREST INSECTS	34	10.5	174,402	868,427
407 NEW CATTLE FOREST INSECTS	22	7.9	168,365	540,665
408 NEW CATTLE FOREST INSECTS	24	6.9	101,111	379,390
409 NEW CATTLE FOREST INSECTS	56	11.3	300,987	1,216,500
410 NEW CATTLE FOREST INSECTS	92	31.3	909,398	2,642,953
411 NEW CATTLE FOREST INSECTS	6	1.0	17,631	197,943
412 NEW CATTLE FOREST INSECTS	39	9.7	220,947	871,241
413 NEW CATTLE FOREST INSECTS	613	185.0	3,606,555	14,682,010

SERIES 500				
501 NEW CATTLE FOREST INSECTS	37	12.4	276,477	946,211
502 NEW CATTLE FOREST INSECTS	13	2.7	67,275	152,208
503 NEW CATTLE FOREST INSECTS	89	21.5	581,944	1,316,397
504 NEW CATTLE FOREST INSECTS	71	18.3	721,243	1,145,129
505 NEW CATTLE FOREST INSECTS	23	3.6	114,248	211,866
506 NEW CATTLE FOREST INSECTS	27	4.6	125,662	243,550
507 NEW CATTLE FOREST INSECTS	59	19.7	644,627	1,216,805
508 NEW CATTLE FOREST INSECTS	11	2.7	30,117	237,116
509 NEW CATTLE FOREST INSECTS	9	0.9	1,262	59,059
510 NEW CATTLE FOREST INSECTS	6	1.4	31,316	80,957
511 NEW CATTLE FOREST INSECTS	340	87.6	2,596,171	5,657,460

SERIES 600				
601 NEW CATTLE FOREST INSECTS	9	3.2	110,382	206,638
602 NEW CATTLE FOREST INSECTS	4	0.0	0	26,364
603 NEW CATTLE FOREST INSECTS	5	0.4	7,106	41,065
604 NEW CATTLE FOREST INSECTS	18	3.7	117,608	270,071

SERIES 700				
701 NEW CATTLE FOREST INSECTS	33	13.3	295,177	1,303,765
702 NEW CATTLE FOREST INSECTS	48	13.0	289,941	914,500
703 NEW CATTLE FOREST INSECTS	68	16.6	162,313	1,021,384
704 NEW CATTLE FOREST INSECTS	9	2.5	25,047	145,863
705 NEW CATTLE FOREST INSECTS	23	6.4	91,401	274,461

CLASSIFICATION CATEGORY	SO OF PROJ	ECIDYNIET YEARS 1977	REG FED APPR/ CSRS ACHSTED (GROSS) 1977	TOTAL FUPES (GROSS) 1977	USDA CON/CT/CA JYS 1977	WLT SALES AMOUNT 1977
ES 900						
1 RURAL HOUSING	17	7.4	140,246	390,961	*	99,019
2 HIGHWAY & FARM DEC MAK	51	11.4	182,733	503,326	*	153,756
3 RURAL DEVELOPMENT	25	7.0	119,197	443,165	*	171,073
4 ECON DEVEL RURAL RE.	57	10.1	232,629	676,376	*	237,901
5 COMMUNICAT RURAL RE	20	3.1	47,519	547,274	*	114,871
6 ADJUSTMENT TO CHANG	55	12.1	293,061	819,515	*	256,745
7 AGRIC ECONOMIC CHAN	15	12.2	127,372	895,594	*	92,795
8 GOV'T PROGRAMS	6	2.5	75,183	151,637	*	0
SUBTOTAL	265	66.9	1,218,739	4,223,743	*	1,117,161
ES 900						
1 ALLEY POLLUTION	213	81.4	1,231,581	6,130,490	*	975,941
2 OUTDOOR RECREATION	34	10.1	117,982	637,144	*	50,686
3 MULTI-USE-ERREST TO	28	4.3	90,298	368,194	*	50,369
4 WILDLIFE AND FISH ECO	165	72.8	771,383	5,769,399	*	263,236
5 TREES BEAUTIFICATION	19	3.3	41,715	201,824	*	48,442
6 OPEN SPACE & TOUR DEV	200	90.0	596,160	6,174,765	*	10,246
7 RURAL INCOME IMP	74	18.7	414,286	1,104,895	*	354,551
8 RURAL INDUSTRIES IMP	82	21.5	565,940	1,352,468	*	254,943
9 UNCLASSIFIED	11	62.4	303,920	4,561,946	*	265,294
SUBTOTAL	841	364.1	4,553,869	26,755,563	*	2,313,707
WCE IN SERV OF MAX GRAND TOTAL	7104	2463.9	36,656,142	232,655,691	*	14,288,914

CATEGORY	CP 1962	1977	1977 (CP)	1977 (CP)
0100 SOIL AND LAKE	356	109.0	1,722,061	10,017,445
0200 WATER	217	45.1	546,356	4,335,920
0300 WATERWAYS RIVER BAS	38	9.5	121,174	961,725
0400 AIR AND CLIMATE	43	13.6	238,161	1,402,545
0500 RECREATION RESOURCES	55	13.3	245,704	956,302
0600 TIMBER FOREST PRODUCT	305	96.5	1,512,136	7,123,493
0700 FISH	46	13.2	137,415	905,020
0800 WILDLIFE AND FISH	121	25.9	218,385	2,533,113
0900 CITRUS SUB TROP FRUIT	1	0.3	2,847	20,454
1000 PEET CUTS DECOROUS	141	51.9	664,685	4,006,965
1100 POTATOE	82	22.9	458,562	1,907,823
1200 VEGETABLES	228	59.0	557,758	4,660,170
1300 ORNAMENTALS TJSF	121	41.2	506,280	3,399,666
1400 CORN	356	99.1	1,722,522	9,461,837
1500 GRAIN SORGHUM	127	28.1	309,878	2,074,880
1600 RICE	10	4.3	8,160	342,149
1700 WHEAT	295	70.8	905,604	5,713,544
1800 OTHER SMALL GRAINS	137	29.6	520,841	2,871,733
1900 PASTURE	38	7.0	126,808	870,924
2000 FORAGE CROPS	228	54.2	1,036,508	5,009,405
2100 COTTON	9	4.6	49,653	297,011
2200 SOYBEANS	312	81.4	1,279,154	7,010,452
2300 PEANUTS	1	0.9	2,384	3,905
2400 OTHER OILSEED CROPS	43	7.4	78,711	536,396
2500 TOBACCO	5	1.6	9,860	109,243
2600 SUGAR CROPS	36	5.8	64,578	551,755
2700 MISC NEW CROPS	29	8.4	95,577	652,919
2800 EQUITY	152	56.1	1,484,669	5,830,850
2900 DEEP CATTLE	354	95.4	2,204,896	16,723,724
3000 DAIRY CATTLE	340	106.0	2,574,979	13,077,044
3100 SWINE	278	84.4	1,961,617	12,162,963
3200 SHEEP AND WOOL	117	23.3	409,405	3,035,895
3300 OTHER ANIMALS	101	22.8	275,946	2,062,394
3400 BEES AND HONEY	10	4.7	7,288	274,941
3500 FARM SUPP & FACILITIES	44	10.7	368,183	1,103,160
3600 CLOTHING & TEXTILES	23	7.2	136,749	361,826
3700 FOGG	165	45.7	746,106	4,121,575
3800 HOUSING & EQUIP	67	15.1	220,303	1,100,567
3900 PEOPLE AS INDIVIDUAL	191	49.4	715,733	4,326,320
4000 FAMILY MEMBERS	86	18.1	390,632	1,221,122
4100 FARM AS BUSINESS	65	16.2	465,520	1,168,058
4200 SOC POLIT ORGANIZ	148	40.3	862,727	2,786,828
4300 AGRIC ECONOMY U S	44	13.0	273,325	1,219,666
4400 AGRIC ECONOMY FOREIGN	31	3.7	44,925	800,340
4500 FARM COOPERATIVES	16	3.2	158,106	265,020
4600 UTH MARKET RESEARCH	11	1.8	51,670	155,723
4700 MARKETING SYSTEMS	36	10.5	341,570	748,936
4800 WEEDS	4	1.0	20,575	110,400
4900 SREP PESRAPH	2	1.2	2,436	351,554
5000 BIO CELL SYSTEMS	84	31.4	236,819	3,229,577
5100 EXP DESIGN/STAT METH	25	10.2	706,896	846,600
5200 INVERTEBRATES	45	17.5	226,086	1,448,312
5300 MICROORGANISMS, VIRUS	71	27.0	193,715	2,523,806
5400 PLANTS	151	57.6	644,632	5,816,209
5500 ANIMALS (VERTEBRATES)	114	33.3	480,418	4,600,661
5600 RESEARCH ON RECOMB	10	2.7	5,515	133,377
5700 RECOMB EQUIP & TECHNOL	34	9.9	147,373	675,036
5800 UNCLASSIFIED	16	38.2	672,230	5,444,545
TOTAL	6308	1760.2	30,417,926	175,603,989

106 DPAIR AND TRIGGERS	41	7.5	8,732	1,820,350	*
107 WATERSHED FOOT & M	40	11.6	31,732	2,732,350	*
108 ECON LBN PROD OF WA	15	1.2	194,799	1,274,074	*
109 WATERSHED ADAPT & MOD	37	12.0	52,700	267,815	*
110 APPRAIS FOREST & VAN	35	5.3	281,112	1,361,917	*
111 BULL CULL MGMT FORDS	132	29.3	73,310	370,471	*
112 INDOOR RANGE RESER	27	7.1	513,093	2,445,777	*
113 PHOTO SENSING	22	1.3	64,619	532,137	*
114 PSCH BY MGMT OF PSC	10	2.7	60,241	512,707	*
SUBTOTAL	679	170.5	2,615,823	17,343,402	*

SERIES 200

201 COTAIL FOREST INSECTH	35	7.2	170,164	539,510	*
202 COTAIL FOREST DIN	38	6.3	176,052	525,964	*
203 FOREST FIRE INSECTH	1	0.2	0	25,090	*
204 CATP PESTS FPT & V	51	13.9	175,685	1,187,927	*
205 CATP DISE FPT & V	113	39.4	409,507	2,158,175	*
206 CATP WREDS FPT & V	27	9.3	82,813	568,790	*
207 CATP PESTS FLD CHOP	122	33.2	782,609	3,956,742	*
208 CATP FLD FLD CHOP	296	57.0	1,069,256	5,018,181	*
209 CATP WREDS FLD CHOP	25	15.1	296,612	2,245,576	*
210 CATP WREDS ANIMALS	21	5.5	45,466	439,753	*
211 CATP OLD ANIMALS	172	59.7	1,018,152	6,795,473	*
212 CATP INTRP PARASITE	22	6.3	72,564	607,676	*
213 PEST ANIMAL FROM FOX	32	5.5	121,972	561,671	*
214 PROTECT FROM POLIUS	73	14.4	251,342	1,287,248	*
SUBTOTAL	999	292.0	4,620,194	25,611,742	*

SERIES 100

101 NEWST BERO FOREST P	42	1.4	162,175	861,979	*
102 IMP FOREST EMB SYS	1	0.7	18,931	36,116	*
103 BORN TIMBER PRODUCT	13	1.6	68,134	261,869	*
104 IMP FLD EFF FMT & V	165	55.1	769,670	5,368,116	*
105 MCH PROD FST & V	20	4.9	93,449	343,583	*
106 BRGD MGMT SYS F & V	16	2.2	42,976	205,704	*
107 IMP FLD EFF FLD CHOP	359	196.5	2,416,988	19,129,996	*
108 MCH PROD FLD CHOP	14	8.4	137,731	660,667	*
109 PROD MGMT, SYS FLD C	14	11.0	165,195	1,289,108	*
110 ANIMAL PRODUCTION	115	47.8	1,071,208	7,576,913	*
111 IMP FLD EFF ANML FE	407	151.2	3,277,466	25,651,464	*
112 ENV YTHRS IN ANML	54	18.1	497,297	2,206,916	*
113 PROD MGMT SYS FLD C	100	19.6	364,267	3,211,950	*
114 DRKS MCH POLLING I	16	4.7	7,268	234,541	*
115 IMP STRUC FARM SUPP	47	11.1	149,509	1,197,335	*
116 FARM BUSINESS MGMT	51	14.3	387,810	912,881	*
117 MCH/STRUC FARM P	23	16.5	62,092	306,471	*
118 NON-COM BIO TECH/BI	292	111.6	998,450	10,694,945	*
SUBTOTAL	1916	602.3	10,362,592	80,016,505	*

SERIES 400

401 NEW IMP FOREST PROL	33	26.4	259,398	1,363,563	*
402 FLD P & V IMP ACCE	49	9.2	125,263	616,319	*
403 NEW C IMP FLD PROD	37	9.2	101,267	674,451	*
404 MKT QUAL PRDS & VEG	27	5.3	178,744	435,966	*
405 PROD FLD CHOP IMP A	74	21.1	310,272	1,511,501	*
406 NEW IMP PROD FLD CH	406	21.1	475,517	1,811,043	*
407 NEW IMP NON-PROD FC	19	6.1	59,617	430,304	*
408 MKT QUAL FLD CHOP	45	11.3	212,420	863,966	*
409 PROD ANML CH IMP AC	61	15.1	607,438	2,050,170	*
410 IMP MEAT MILK EGG P	107	33.4	834,489	2,625,932	*
411 IMP NON-FOOD ANML P	4	0.2	4,124	10,693	*
412 MKT QUAL ANIMAL PRO	10	10.5	296,800	933,804	*
SUBTOTAL	556	169.4	1,711,148	11,404,612	*

SERIES 500

501 IMP GRADES & STANDS	16	2.6	73,640	220,835	*
502 MKT, TIMBER PRODUCT	5	1.0	18,441	52,545	*
503 MKTG EFF AGRI PRDS	74	17.0	616,727	1,604,094	*
504 SUPPLY DEMAND AND FNI	40	9.1	241,192	718,207	*
505 COMPE REL IN AGRIC	17	2.0	82,545	189,230	*
506 DOMESTIC MKT DEVELP	19	0.9	32,921	71,769	*
509 PERFORMANCE MKTG SY	43	13.6	424,103	1,014,716	*
510 GROUP ACT MKT POWER	10	1.7	104,102	154,807	*
511 IMP AGRIC STATISTIC	16	3.1	70,721	507,538	*
512 IMP GRADES PRST PRO	5	0.4	4,954	38,131	*
513 PRICE ANML PRST PRO	3	0.1	14,958	28,462	*
SUBTOTAL	239	52.6	1,691,205	4,620,313	*

SERIES 600

601 FGN MKT DEVELP	30	5.2	197,181	343,099	*
602 EVAL FGN PROD AID P	2	0.2	9,977	16,813	*
603 TECH AID DEV CRT	17	10.3	6,632	809,907	*
604 PRO DVLGHT/MKTG PRG	1	0.1	0	17,259	*
SUBTOTAL	52	15.7	213,789	1,287,156	*

SERIES 700

701 TOX RES IN FOOD	33	8.2	202,277	828,576	*
702 FOOD PROT FROM TOX	66	19.8	392,736	1,971,015	*
703 FOOD CONSUMP HABITS	52	9.5	131,532	592,881	*
704 HOME COMM FOOD SERV	29	6.1	166,007	395,329	*
705 SPL CARB CLOTH & TE	18	7.0	129,381	318,509	*
706 CONTR INSECTS APP M	25	7.3	134,613	728,781	*

CLASSIFICATION CATEGORY	NO OF YEARS	SCIENTIST YEARS	580 FED ADP/CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
SERIES 300				
301 RURAL HOUSING	26	1.0	31,411	176,477
302 RURAL & TAN DEC BAK	52	10.6	233,015	809,104
303 RURAL POVERTY	6	0.5	22,318	45,653
304 ECON POVERTY RURAL PE	22	7.7	222,675	463,516
305 COMMUNICAT RURAL PE	43	10.9	106,237	1,340,810
306 ADJUSTMENT TO CHANG	64	15.5	339,956	1,333,452
307 AGRIC ECONOMIC CHANG	47	12.4	233,143	387,165
308 GOV'T PROGRAMS	19	2.4	62,995	264,191
SUBTOTAL	273	64.3	1,342,551	5,122,970
SERIES 900				
901 ALLREV POLLUTION	192	51.2	1,802,110	5,413,307
902 OUTDOOR RECREATION	49	12.3	228,457	818,770
903 MULTI-USE-FOREST PO	15	2.3	61,793	144,026
904 WILDER AND FISH ECO	103	22.0	167,548	2,584,053
905 TREES REAURATION	35	6.8	59,744	748,273
906 ORNAMENT & TURF DEV	116	38.1	445,853	2,953,456
907 RURAL INCOME IMP	44	9.3	203,265	659,530
908 RURAL INSTITUTE IMP	53	21.5	577,210	1,675,269
909 UNCLASSIFIED	15	3.2	677,210	5,441,346
SUBTOTAL	653	206.0	3,460,291	20,020,136
SCIENCE IN SERV OF MAN GRAND TOTAL	5743	1766.2	30,417,916	175,603,999

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	56G FED APPR/ CSRS ADJUSTED (GROSS) 1977	(INCLUDES SALES-FORESTRY SCOUTING INSTEAD) TOTAL FONDS (GROSS) 1977	USDA CASH/GT/CA WITH SALES SYS 1977	AMOUNT 1977
SOIL AND LAND	324	114.3	1,298,489	11,092,929	*	512,160
WATER	216	66.3	667,117	6,209,370	*	172,245
WATERSHEDS RIVER BAS	49	16.2	101,758	1,206,189	*	63,434
AIR AND CLIMATE	48	21.6	114,467	2,991,730	*	41,576
PROTECTION RESOURCES	53	16.3	236,436	965,112	*	37,295
TIMBER FOREST PRODUCT	177	142.6	1,506,906	12,121,193	*	842,352
BAMBER	157	45.3	316,314	4,112,709	*	125,020
WILDLIFE AND FISH	174	41.5	250,343	4,655,061	*	133,133
CITRUS SUB TROP FRUIT	145	55.7	361,395	5,417,568	*	155,652
FRUIT NUTS DECIDUOUS	272	102.0	951,977	9,630,206	*	20,422
POTATOES	57	33.4	256,150	2,616,178	*	45,139
VEGETABLES	342	104.6	1,205,309	9,190,671	*	275,356
ORNAMENTALS TURF	134	43.0	225,237	3,295,543	*	25,691
CORN	50	10.6	77,527	876,257	*	3,556
GRAIN SORGHUM	32	3.9	20,482	291,734	*	1,733
RICE	14	4.2	18,730	500,101	*	14,341
WHEAT	161	44.4	457,123	3,871,479	*	191,813
OTHER SMALL GRAINS	123	25.0	305,456	2,310,431	*	26,770
PASTURE	29	5.9	15,853	446,190	*	8,250
FORAGE CROPS	127	66.7	656,892	4,850,186	*	117,651
COTTON	90	38.5	312,600	2,952,285	*	149,894
COTTONSEED	4	1.1	15,657	112,673	*	0
SOYBEANS	20	10.2	49,589	802,600	*	110,779
PEANUTS	11	0.7	552	31,294	*	0
OTHER OILSEED CROPS	24	5.6	57,930	691,543	*	24,776
TOBACCO	1	0.7	9,296	46,213	*	0
SUGAR CROPS	75	13.7	119,125	1,150,100	*	5,089
MISC NEW CROPS	34	9.9	48,000	1,213,193	*	17,402
POULTRY	94	37.4	462,969	3,527,266	*	18,149
DEEP CATTLE	256	110.8	2,220,101	15,614,945	*	433,354
PAIR CATTLE	150	10.3	731,046	4,496,019	*	154,894
SWINE	36	6.8	82,529	1,043,001	*	18,307
SHEEP AND WOOL	105	29.9	572,734	2,584,926	*	25,090
OTHER ANIMALS	59	16.2	159,010	1,375,630	*	4,716
BEES AND HONEY	21	6.5	136,372	576,068	*	19,533
FARM SUPP & FACILITIES	22	4.3	76,249	328,034	*	15,431
CLOTHING & TEXTILES	15	3.4	15,423	178,508	*	0
FOOD	110	35.4	410,167	3,024,329	*	54,356
HOUSING & EQUIP	40	15.3	61,297	1,565,020	*	37,119
PERIL AS INDIVIDUAL	152	44.4	547,304	3,844,613	*	96,542
FAMILY MEMBERS	35	9.6	161,200	431,010	*	15,300
FARM AS BUSINESS	27	4.4	110,515	470,095	*	9,582
ROC POLIT ORGANIZ	61	20.2	434,201	1,120,200	*	33,507
AGRIC ECONOMY II N	22	5.8	118,875	349,676	*	7,111
AGRIC ECONOMY FORD	5	1.4	19,900	117,209	*	1,562
FARM COOPERATIVES	12	1.6	18,792	43,768	*	565
OTH MARKET PROCESS	11	9.7	17,053	31,744	*	565
MARKETING SYSTEMS	23	4.9	111,907	260,979	*	16,435
SEEDS	19	6.3	70,152	468,354	*	10,327
SEED RESEARCH	10	4.5	24,047	286,440	*	0
RIV CELL SYSTEMS	46	24.5	106,092	2,047,411	*	4,929
EXP DESIGN/STAT METH	16	11.4	12,155	639,707	*	71,352
INVERTEBRATES	110	47.4	265,124	4,402,164	*	27,026
MICROORGANISMS, VIRUS	54	16.5	128,779	1,615,019	*	1,516
PLANTS	191	68.7	544,509	6,099,701	*	44,841
ANIMALS (VERTEBRATES)	75	45.2	162,625	4,182,086	*	44,314
RESEARCH ON RECH ECH	9	2.5	16,151	217,779	*	83,296
GENE EQUIP & TECHNOL	28	9.1	24,567	946,721	*	20,168
UNCLASSIFIED	9	6.2	18,431	723,711	*	31,074
	5153	1661.3	17,590,202	157,127,687	*	6,540,707

SERIES 200				
201 AFFORD OF SOIL FERT	57	22.9	264,394	1,689,002
202 C-2 FERT W/2 W/TEL	126	43.0	364,847	3,638,309
203 C-2 FERT W/2 W/TEL	33	9.7	86,549	1,057,027
204 C-2 FERT W/2 W/TEL	33	9.7	86,549	1,661,690
205 ALUMINUM FERT OF LARD	57	19.3	276,211	2,331,230
206 C-2 FERT W/2 W/TEL	33	27.4	81,320	1,157,679
207 FERTIL AND FERTILIZING	42	15.4	111,945	2,861,672
208 WATERWAYS FERT & MG	54	25.4	5,530	295,170
209 FERTIL AND FERTILIZING	11	3.2	129,377	2,704,943
210 FERTIL AND FERTILIZING	37	17.7	117,261	726,897
211 FERTIL AND FERTILIZING	30	10.4	546,411	3,563,350
212 FERTIL AND FERTILIZING	122	35.6	159,816	3,705,610
213 FERTIL AND FERTILIZING	101	31.0	23,656	285,068
214 FERTIL AND FERTILIZING	9	5.3	16,151	237,779
215 FERTIL AND FERTILIZING	9	2.5		
SUBTOTAL	935	266.8	2,515,067	25,411,162

SERIES 200				
201 FERTIL AND FERTILIZING	55	16.3	136,317	1,479,131
202 FERTIL AND FERTILIZING	34	7.7	151,194	826,427
203 FERTIL AND FERTILIZING	7	3.3	6,024	39,212
204 FERTIL AND FERTILIZING	117	42.8	462,408	4,030,975
205 FERTIL AND FERTILIZING	191	60.0	570,321	5,695,052
206 FERTIL AND FERTILIZING	50	12.2	161,367	1,059,175
207 FERTIL AND FERTILIZING	59	38.1	394,543	3,168,782
208 FERTIL AND FERTILIZING	117	33.8	335,300	2,990,240
209 FERTIL AND FERTILIZING	51	18.4	142,243	1,253,752
210 FERTIL AND FERTILIZING	10	5.1	43,000	109,665
211 FERTIL AND FERTILIZING	75	58.0	661,706	6,072,430
212 FERTIL AND FERTILIZING	22	7.0	252,466	627,002
213 FERTIL AND FERTILIZING	23	4.0	85,878	430,595
214 FERTIL AND FERTILIZING	59	15.1	91,759	1,995,145
215 FERTIL AND FERTILIZING	236	127.9	3,511,064	30,043,776

SERIES 300				
301 FERTIL AND FERTILIZING	34	4.3	103,201	732,784
302 FERTIL AND FERTILIZING	11	5.6	22,394	136,541
303 FERTIL AND FERTILIZING	15	5.4	50,008	257,556
304 FERTIL AND FERTILIZING	282	12.4	754,004	2,764,306
305 FERTIL AND FERTILIZING	66	13.0	114,526	1,032,730
306 FERTIL AND FERTILIZING	29	5.1	35,427	413,155
307 FERTIL AND FERTILIZING	393	12.3	873,675	10,550,861
308 FERTIL AND FERTILIZING	15	3.4	32,171	130,195
309 FERTIL AND FERTILIZING	32	7.3	72,221	597,158
310 FERTIL AND FERTILIZING	35	35.6	701,269	4,158,450
311 FERTIL AND FERTILIZING	195	78.7	1,065,657	11,087,377
312 FERTIL AND FERTILIZING	34	26.9	180,142	1,146,057
313 FERTIL AND FERTILIZING	39	10.9	132,763	1,364,621
314 FERTIL AND FERTILIZING	21	8.5	138,372	576,360
315 FERTIL AND FERTILIZING	12	6.5	1,724	941,211
316 FERTIL AND FERTILIZING	17	6.0	87,335	304,353
317 FERTIL AND FERTILIZING	5	1.2	29,660	107,117
318 FERTIL AND FERTILIZING	314	139.7	801,752	12,516,990
SUBTOTAL	1495	585.4	5,197,059	58,246,376

SERIES 400				
401 FERTIL AND FERTILIZING	63	30.9	215,413	2,047,957
402 FERTIL AND FERTILIZING	46	13.1	116,733	1,448,512
403 FERTIL AND FERTILIZING	51	22.9	171,000	1,952,301
404 FERTIL AND FERTILIZING	66	20.9	262,735	1,919,009
405 FERTIL AND FERTILIZING	41	15.5	228,674	1,114,664
406 FERTIL AND FERTILIZING	16	3.3	52,445	309,737
407 FERTIL AND FERTILIZING	7	0.9	12,981	120,270
408 FERTIL AND FERTILIZING	13	2.7	20,360	213,353
409 FERTIL AND FERTILIZING	37	12.2	264,654	1,287,612
410 FERTIL AND FERTILIZING	13	8.5	199,967	855,852
411 FERTIL AND FERTILIZING	9	2.6	32,704	142,367
412 FERTIL AND FERTILIZING	22	4.3	110,572	406,037
SUBTOTAL	435	137.4	1,786,430	12,046,525

SERIES 500				
501 FERTIL AND FERTILIZING	10	3.3	46,891	214,162
502 FERTIL AND FERTILIZING	6	1.5	18,302	64,425
503 FERTIL AND FERTILIZING	34	10.3	295,719	591,363
504 FERTIL AND FERTILIZING	32	8.3	254,986	652,704
505 FERTIL AND FERTILIZING	10	1.9	60,710	97,131
506 FERTIL AND FERTILIZING	15	2.5	53,744	155,269
507 FERTIL AND FERTILIZING	32	8.7	202,041	352,524
508 FERTIL AND FERTILIZING	8	1.0	7,629	50,424
509 FERTIL AND FERTILIZING	6	2.0	8,526	179,628
510 FERTIL AND FERTILIZING	12	3.2	25,512	167,935
511 FERTIL AND FERTILIZING	6	3.2	68,398	200,178
SUBTOTAL	171	46.4	1,042,476	2,745,743

SERIES 600				
601 FERTIL AND FERTILIZING	12	3.2	57,104	242,724
602 FERTIL AND FERTILIZING	14	2.2	13,642	163,094
603 FERTIL AND FERTILIZING	4	0.3	3,121	8,561
SUBTOTAL	30	5.6	73,867	410,379

SERIES 700				
701 FERTIL AND FERTILIZING	43	17.8	172,008	1,685,987
702 FERTIL AND FERTILIZING	40	16.3	210,304	1,346,244

CLASSIFICATION- CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FEE APPP/ CSRS ADMINSTR (HOUSE) 1977	TOTAL FUNDS (HOUSE) 1977	USDA CON/GT/CA SIS 1977	WITH SALES AMOUNT 1977
ES 500						
1 RURAL MUSEUM	8	3.5	5,033	66,473	*	263
2 INDIV & FAM DEC MAK	38	5.3	101,159	351,666	*	15,061
3 RURAL POVERTY	7	1.2	21,516	71,235	*	15,000
4 ECON POTENTIAL RURAL FE	17	2.4	122,296	257,090	*	0
5 COMMUNICAT RURAL FE	28	4.7	71,377	377,217	*	92
6 ADJUSTMENT TO CHANGE	34	9.6	159,172	439,399	*	15,000
7 AGRIC ECONOMIC CHANG	25	6.3	91,061	392,725	*	4,096
8 GOV'T PROGRAMS	7	1.6	36,052	56,726	*	1,105
SUBTOTAL	164	32.4	590,387	2,052,503	*	50,626
ES 500						
1 ALLEV POLLUTION	165	50.5	672,119	6,420,114	*	190,502
2 OUTDOOR RECREATION	50	14.1	232,377	940,502	*	31,575
3 MULTI-USE FOREST PO	10	4.9	25,682	139,611	*	15,174
4 WILDLIFE AND FISH ECO	153	36.8	225,150	4,309,384	*	132,351
5 TREES REAMIFICATION	35	11.9	72,328	1,457,757	*	33,482
6 ORNAMENT & TURF DEV	127	34.8	213,917	3,039,016	*	23,266
7 RURAL INCOME IMP	35	9.0	146,025	580,664	*	15,000
8 RURAL INSTITUTE IMP	53	11.1	330,165	726,007	*	10,415
9 UNCLASSIFIED	9	6.2	10,631	723,761	*	31,874
SUBTOTAL	643	169.3	1,505,404	17,037,042	*	491,639
GRAND TOTAL	4955	1683.3	17,590,202	157,327,687	*	4,540,707

CATEGORY	OF PRCS	YEARS	CRSRS ADMSTR (GROSS)	1977	(GROSS)
0100 SOIL AND LAND	1385	150.4	5,040,941	10,522,743	
0200 WATER	682	186.1	2,310,562	16,133,679	
0300 WATERSHEDS RIVERS BAS	122	10.6	449,374	2,656,670	
0400 AIR AND CLIMATE	115	42.5	5,13,383	5,044,354	
0500 PROTECTION RESOURCES	163	32.9	863,697	2,802,788	
0600 LAND-USE FOREST PROTECT	998	311.6	6,417,122	25,866,004	
0700 RANGE	239	68.6	646,370	6,222,955	
0800 WILDLIFE AND FISH	539	165.1	1,676,772	15,078,349	
0900 CLIMATE AND TROPIC FRUIT	280	126.1	989,638	10,611,310	
1000 FRUIT AND VEGETABLES	932	359.2	4,966,231	29,951,128	
1100 POTATOES	302	88.1	1,320,602	7,137,045	
1200 VEGETABLES	1257	412.3	5,610,141	32,981,730	
1300 ORNAMENTALS TREES	576	207.7	2,171,252	15,405,634	
1400 CORN	766	176.4	2,944,630	15,574,346	
1500 GRAIN FORAGE	290	52.4	116,749	4,394,141	
1600 RICE	801	35.2	217,241	1,069,123	
1700 WHEAT	597	143.0	1,852,845	11,569,912	
1800 OTHER SMALL GRAINS	374	73.5	1,146,363	6,665,342	
1900 PASTURE	172	37.7	152,406	3,542,111	
2000 FOREST TREES	536	291.3	1,761,744	20,372,572	
2100 COTTON	380	131.4	1,683,061	12,938,964	
2200 COTTONSEED	14	3.1	44,441	234,529	
2300 SOYBEANS	246	200.3	3,192,087	17,393,681	
2400 PEANUTS	140	43.7	468,746	3,851,256	
2500 OTHER CEREAL CROPS	95	14.7	144,419	1,392,529	
2600 TOBACCO	164	63.4	820,356	6,046,231	
2700 SUGAR CROPS	174	57.1	855,788	4,503,213	
2800 MISCELLANEOUS CROPS	111	27.1	329,512	2,510,588	
2900 AQUACULTURE	715	264.3	5,651,654	24,285,326	
3000 BEEF CATTLE	1157	386.7	8,332,319	51,451,018	
3100 DAIRY CATTLE	1021	124.6	7,408,857	37,234,326	
3200 SWINE	521	150.9	3,317,330	20,304,766	
3300 SHEEP AND GOAT	343	76.0	1,524,194	8,138,237	
3400 OTHER ANIMALS	367	102.7	1,167,370	6,179,664	
3500 BEES AND HONEY	43	17.6	211,420	3,071,375	
3600 FARM SUPPLY & FACILITIES	98	24.3	38,747	1,968,608	
3700 CLOTHING & TEXTILES	63	17.3	316,777	649,608	
3800 FOOD	446	140.3	3,060,236	12,033,911	
3900 HOUSING & EQUIP	131	55.4	626,325	4,467,633	
4000 PEOPLE AS INDIVIDUAL	615	171.7	2,062,366	13,444,595	
4100 FAMILY MEMBERS	179	69.8	684,925	2,753,511	
4200 FARM AS BUSINESS	171	58.5	1,206,485	3,327,136	
4300 SOC POLIT ORGANIZ	436	123.3	1,169,482	4,047,951	
4400 AGRIC ECONOMY U S	100	31.3	519,570	2,260,884	
4500 AGRIC ECONOMY FOREIGN	24	10.9	116,034	1,051,358	
4600 FARM COOPERATIVES	40	6.5	229,329	475,614	
4700 OTHER MARKET PROCESS	41	8.5	171,222	512,151	
4800 MARKETING SYSTEMS	100	25.7	717,010	1,664,382	
4900 WOODS	47	10.5	165,123	917,644	
5000 WOOD RESERVE	26	3.6	49,153	937,141	
5100 WOOD CBL SYSTEMS	206	82.3	695,675	7,143,473	
5200 FISH DESIGN/STAT METH	55	25.4	154,089	2,021,625	
5300 INVERTEBRATES	245	197.7	771,335	6,579,236	
5400 MICROORGANISMS, VIRUS	221	82.2	633,624	7,358,915	
5500 PLANTS	505	218.2	2,743,103	19,363,712	
5600 ANIMALS (VERTEBRATES)	284	112.4	1,614,553	11,013,136	
5700 RESEARCH ON RESEARCH	27	10.3	197,266	747,855	
5800 RESEARCH EQUIP & TECHNIOL	95	26.4	232,014	2,511,117	
5900 UNCLASSIFIED	48	111.3	1,055,717	13,160,479	
TOTAL	20725	6556.7	101,353,382	594,221,519	

CLASSIFICATION	7C	SCIENTIST	REG FPD ADP/	TOTAL FINNCE	USDA CON/51/CA WITH SABS
CATEGORY	7C	YEARS	CSFS ADMSTPO	(GROSS)	A*OUNT
	1960	1977	(GROSS) 1977	1977	1977
ES 100					
01 AFFAIRS OF SOIL RES	187	69.3	920,250	5,471,335	* 67,216
02 SOIL FLAT MFG MUPCI	482	148.1	1,989,566	12,605,052	* 165,861
03 MGMT OF SALTIN SOIL	51	15.1	101,133	1,476,146	* 62,667
04 ALTERN USE OF LAND	176	57.1	1,002,359	3,324,060	* 157,619
05 CONSERV USR OF WATE	213	52.5	544,459	4,241,620	* 47,567
06 DRAIN AND IMIGATIO	96	29.6	236,787	2,402,595	* 34,949
07 WATERSHED 1501 & MG	137	41.6	556,930	3,618,255	* 433,533
08 ECOW LRG PROU OF WA	41	13.0	118,416	801,532	* 20,575
09 MEAT/LEP ADAP: & MOD	104	13.3	370,377	3,151,726	* 159,463
10 AFFAIRS FORS: & GAN	73	13.2	296,347	1,313,328	* 105,750
11 FOL CULT MGMT FORS	241	77.5	1,767,374	6,571,713	* 164,527
12 IMPROV RANGE RESOR	157	47.2	419,439	3,805,835	* 60,716
13 HERDVE SENSING	35	12.9	135,199	1,145,512	* 33,090
14 PSCH ON MGMT OF RSC	27	10.4	197,266	707,165	* 126,129
SUBTOTAL	2755	624.1	6,658,713	54,314,723	* 1,673,160
ES 200					
01 CATRL PEST INSECTS	154	51.4	780,771	4,462,835	* 471,468
02 CONTROL PHERS: BIS	111	33.5	745,152	2,381,510	* 86,695
03 PHERS: FINE PROTECT	15	1.6	6,324	154,793	* 34,121
04 CNTR PESTS PRT & VE	346	127.0	1,484,521	10,286,241	* 371,803
05 CNTR DISE FR: & VEG	447	213.9	2,371,350	16,027,717	* 316,748
06 CNTR WEEDS PPT & VE	158	47.3	610,272	1,549,603	* 43,289
07 CNTR PESTS ELE CRUP	474	169.2	2,623,710	14,259,167	* 666,152
08 CNTR DIS FIELD CRUP	651	206.2	3,052,401	15,772,364	* 342,803
09 CNTR WEEDS FLD CRUP	243	86.6	1,243,573	7,945,416	* 164,622
10 CNTR PESTS ANIMAL	91	29.5	333,243	2,223,174	* 238,495
11 CNTR DIS ANIMALS	467	240.5	3,260,436	22,374,887	* 1,051,555
12 CNTR INTRP PARASITE	92	31.8	535,196	3,114,644	* 2,697
13 PROT ANHLS FROM THX	88	20.1	335,854	2,064,975	* 1,757
14 PROTECT FROM POLLUT	212	53.8	644,661	5,131,647	* 229,787
SUBTOTAL	3793	1388.8	18,132,253	105,713,448	* 4,060,073
ES 300					
01 MARKET ORRED FORST T	91	29.6	601,085	2,563,953	* 48,773
02 IMP FOREST RNI SYS	17	6.5	120,253	532,641	* 12,055
03 ECON TIMBER PRODUCT	29	14.9	203,337	969,141	* 85,412
04 IMP BIL EFF PRT & V	976	358.1	4,744,924	30,153,480	* 330,818
05 MECH PROD PRT & VBU	161	46.2	624,189	3,502,034	* 44,619
06 PROD MGMT SYS P & V	82	21.2	257,932	1,566,735	* 23,007
07 IMP DIC EFF FLD CRP	1541	628.5	7,240,322	59,411,758	* 1,480,736
08 MECH PRIND FIELD CRP	115	30.6	470,305	2,802,641	* 114,568
09 PROD MGMT SYS FLD C	120	45.6	657,644	4,210,115	* 217,895
10 ANIMAL REPRODUCTION	123	161.9	3,751,213	21,322,189	* 624,370
11 IMP BIO EFF ANML PR	427	457.0	9,560,466	66,882,640	* 1,008,211
12 EVV STRESS IN ANML	169	65.7	1,023,841	7,502,607	* 112,902
13 PROD MGMT SYS ANML	267	61.2	973,351	7,115,930	* 113,434
14 PESTS OTH POLLUTNG I	43	17.9	211,420	1,071,275	* 34,290
15 IMP STING: FARM SUPP	104	34.3	341,093	3,220,540	* 222,788
16 FARM BUSINESS MGMT	136	88.2	1,031,085	2,744,067	* 43,996
17 MECH/STRUCT ANML P	60	12.3	172,557	1,095,291	* 65,886
18 COM-CON BIO TECH/UY	991	411.5	3,420,526	35,517,157	* 259,998
SUBTOTAL	6616	2453.1	34,633,907	254,238,922	* 4,093,897
ES 400					
01 NEW IMP FORESTI PROD	117	55.7	568,878	4,205,080	* 128,133
02 PROD P & V IMP ACCE	235	46.0	565,519	3,984,931	* 20,054
03 NEW & IMP PROV PROD	199	71.3	1,133,697	5,372,363	* 90,201
04 MKT QUAL FRTS & VEG	198	60.5	1,459,107	4,953,076	* 67,474
05 PROD FLD CRUP IMP A	225	66.5	967,162	5,204,915	* 102,679
06 NEW IMP PROD FLD CR	130	31.7	722,199	1,866,568	* 144,139
07 NEW IMP NON-FOOD FC	49	14.9	215,897	1,152,210	* 1,312
08 MKT QUAL FLD CRUP	85	22.5	419,197	1,682,981	* 110,026
09 PROD ANML PR IMP AC	166	40.5	1,822,374	4,818,327	* 87,235
10 IMP MEAT MILK EGG P	277	85.5	2,157,030	7,307,176	* 69,628
11 IMP NON-FOOD ANML P	21	3.9	55,176	364,450	* 0
12 MKT QUAL ANIMAL PRO	122	30.7	864,634	2,765,676	* 10,902
SUBTOTAL	1823	543.5	11,005,461	45,049,157	* 831,861
ES 500					
01 IMP GRADBS & STANDS	70	19.9	430,764	1,486,083	* 11,787
02 MKTG TIMBER PRODUCT	23	4.9	103,527	264,270	* 18,591
03 MKTG EFF AGRI PRODS	225	55.9	1,707,359	3,829,328	* 238,170
04 SPLY DEMAND AGRI PRI	164	43.4	1,454,132	2,919,771	* 125,028
07 COMP REL IN AGRTC	57	8.5	204,498	551,737	* 33,767
08 DOMESTIC MKT DEVELP	57	8.7	232,065	552,055	* 648
09 PERFORMANCE MKTG SY	155	50.4	1,530,629	3,026,317	* 245,041
10 GROUP ACT MKT POWER	27	4.7	152,185	331,156	* 18,704
11 IMP AGRIC STATISTIC	29	6.0	95,595	787,675	* 295,422
12 IMP GRADBS FRST PRO	11	2.4	27,521	191,546	* 29,501
13 PRICE ANAL FRST PRO	13	2.6	84,370	198,273	* 7,601
SUBTOTAL	831	209.3	6,122,666	14,087,209	* 1,024,260
ES 600					
01 FGM MKT DEVELP	55	13.2	409,687	1,002,720	* 43,155
02 EVAL PHN FOOD AIO P	3	0.3	9,977	22,251	* 0
03 TECH AIO DEV CRFY	30	18.5	14,735	1,030,219	* 481,788

CLASSIFICATION CATEGORY	NO OF FEES	SCIENTIST YEARS 1977	REG PRG APPE/ CSRS ADMN'D (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
RESEARCH				
001 RESEARCH ASSISTING	46	13.1	214,901	672,404
002 CIVIL & ENV DEC MGR	135	26.4	639,514	1,657,192
003 RURAL DEVELOP	39	7.5	177,629	425,714
004 ECON POLICY RESEARCH	36	23.7	607,363	1,504,619
005 ECON POLICY RESEARCH	115	27.1	110,347	2,472,097
006 POLICY STUDY IN CHINA	157	41.6	894,492	2,722,632
007 RURAL ECONOMIC CHANG	112	31.3	511,377	2,036,275
008 RURAL ECONOMIC CHANG	35	6.5	175,070	518,725
SUBTOTAL	714	177.6	3,522,492	12,209,878
SCIENCE				
001 ALTERNATIVE	660	226.4	3,708,419	20,650,439
002 OUTDOOR RECREATION	141	35.8	823,342	2,569,161
003 MULTI-USER-RECREATION	62	11.5	223,597	814,420
004 WILDLIFE AND FISH PRO	452	191.0	1,429,144	11,861,239
005 RURAL RECREATION	91	23.0	299,111	1,914,524
006 RECREATION & TOURISM	561	203.6	2,311,952	14,664,163
007 RURAL INCOME IMP	165	43.6	1,044,349	2,519,596
008 RURAL INCOME IMP	204	77.2	2,108,663	5,164,824
009 UNCLASSIFIED	41	111.3	1,055,217	13,110,473
SUBTOTAL	2,457	674.1	13,015,494	74,601,905
SCIENCE IN SERV OF MAN GRAND TOTAL	19,495	6556.7	101,163,882	594,229,514

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FEO AMPL/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA WITH SYS 1977	AMOUNT
0100 SOIL AND LAND	13	4.2	61,595	532,676	*	
0200 WATER	7	2.1	28,206	167,345	*	
0500 RECREATION RESOURCES	1	2.8		74,351	*	
0600 TIMBER FOREST PRODUCT	26	11.7	164,497	839,045	*	27
0700 RANGE	1	0.1	0	12,376	*	
0800 WILDLIFE AND FISH	23	22.9	153,978	1,251,467	*	16
1000 FRUIT BOTS DECIDUOUS	11	5.8	81,210	439,105	*	
1100 POTATOES	3	0.6	3,100	63,880	*	
1200 VEGETABLES	14	6.6	118,144	561,521	*	4
1300 ORNAMENTALS TURF	5	4.3	51,018	393,140	*	
1400 CORN	2	2.2	47,167	164,280	*	
1500 GRAIN SORGHUM	2	0.6	6,444	31,104	*	
1700 WHEAT	4	0.5	6,557	48,703	*	
1800 OTHER SMALL GRAINS	7	0.9	17,785	68,117	*	
1900 PASTURE	2	6.6	11,770	61,622	*	
2000 FORAGE CROPS	14	9.3	214,267	906,008	*	
2100 COTTON	9	4.3	78,319	424,555	*	
2200 COTTONSEED	1	0.3	0	21,535	*	21
2300 SOYBEANS	17	5.1	105,504	645,846	*	
2400 PEANUTS	10	6.0	7,012	417,376	*	1
2500 PUMPKIN	14	6.1	225,269	812,700	*	44
3000 BEEF CATTLE	29	16.1	120,411	1,577,293	*	62
3100 DAIRY CATTLE	16	6.6	128,122	781,617	*	27
3200 SWINE	4	5.7	105,765	753,116	*	1
3400 OTHER ANIMALS	1	0.2	13,345	67,815	*	
3700 CLOTHING & TEXTILES	4	0.8	28,262	69,264	*	17
3800 FOOD	3	0.6	15,661	84,190	*	35
3900 HOUSING & EQUIP	3	1.1	10,144	101,544	*	25
4000 PEOPLE AS INDIVIDUAL	4	1.2	97,519	71,506	*	
4100 FAMILY MEMBERS	3	0.5	9,212	24,953	*	
4200 FARM AS BUSINESS	5	0.7	15,796	60,217	*	6
4300 SOC POLIT ORGANIZ	6	2.1	69,152	111,311	*	
4400 AGRIC ECONOMY U S	1	0.3	4,197	10,473	*	
4700 UN MARKET PROCEED	1	0.1	0	3,701	*	
4800 MARKETING SYSTEMS	3	1.2	62,567	82,103	*	
6100 HIC CYCL SYSTEMS	1	0.1	0	6,299	*	
6500 INVENTORIES	3	0.6	5,717	57,641	*	
6600 MICROBIOLOGISTS, VIRUS	4	1.2	14,954	60,145	*	
6700 PLANTS	6	0.1	69,425	325,043	*	
6800 ANIMALS (VERTEBRATES)	3	0.7	7,453	14,714	*	
6900 RESEARCH ON HUSH HORN	1	0.6	142,160	144,160	*	
9900 UNCLASSIFIED	1	0.6	0	611,829	*	1
TOTAL	305	155.7	2,726,062	13,023,458	*	297

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALASKA FAIRBANKS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FEO AMPL/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA WITH SYS 1977	AMOUNT
0100 SOIL AND LAND	2	0.1	10,815	120,613	*	
0400 AIR AND CLIMATE	1	0.3	35,039	140,353	*	
0500 RECREATION RESOURCES	2	1.7	50,560	50,560	*	
0600 TIMBER FOREST PRODUCT	1	0.1	1,806	12,270	*	
0700 RANGE	1	0.0	2,074	5,502	*	
1000 FRUIT BOTS DECIDUOUS	1	0.4	22,209	61,421	*	
1100 POTATOES	1	0.2	0	25,711	*	
1200 VEGETABLES	2	0.4	15,661	51,257	*	
1300 ORNAMENTALS TURF	2	0.4	25,595	76,590	*	
1700 WHEAT	3	0.4	10,251	59,935	*	
1800 OTHER SMALL GRAINS	4	1.1	28,049	151,966	*	
1900 PASTURE	2	0.1	14,718	42,739	*	
2000 FORAGE CROPS	3	0.8	75,612	176,614	*	
2500 OTHER OILSEED CROPS	1	0.1	0	3,616	*	
3000 BEEF CATTLE	1	0.0	0	7,628	*	
3100 DAIRY CATTLE	6	1.4	105,651	352,521	*	
3600 FARM SUPV & FACILITIES	1	0.2	30,138	91,243	*	
3800 FOOD	1	0.1	15,307	15,307	*	
4200 FARM AS BUSINESS	1	0.1	0	3,616	*	
4300 SOC POLIT ORGANIZ	1	0.7	21,377	47,391	*	
4400 AGRIC ECONOMY U S	1	0.5	14,584	31,508	*	
4800 MARKETING SYSTEMS	1	0.1	4,608	4,608	*	

CLASSIFICATION CATEGORY	NO OF SPECIES	SCIENTIST YEARS 1977	REG FED APPR/ COPS ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA C 1977
0100 SOIL AND LAND	15	6.2	40,625	446,273	
0200 WATER	12	1.7	54,543	124,683	
0300 WATERSHEDS RIVER BAS	7	1.3	7,937	27,344	
0400 AIR AND CLIMATE	3	0.1	2,156	5,776	
0500 RECREATION RESOURCES	2	0.1	4,172	7,102	
0600 TIMBER FOREST PRODUCT	27	5.5	193,250	631,447	
0700 RANGE	3	1.0	78,191	24,530	
0800 WILDLIFE AND FISH	3	0.3	29,166	16,483	
0900 FRUIT NUTS DELICIOUS	25	4.2	166,254	693,935	
1100 ICTATOES	1	0.1	776	12,284	
1200 VEGETABLES	26	7.4	195,947	734,563	
1300 ORNAMENTALS TURF	7	2.0	40,349	122,462	
1400 CASH	7	0.2	18,653	67,443	
1500 GRAIN SORGHUM	3	2.7	16,371	89,685	
1600 LICE	15	5.5	55,969	673,370	
1700 WHEAT	7	1.3	27,482	123,786	
1800 OTHER SMALL GRAINS	5	1.2	25,047	109,752	
1900 TURKISH	4	0.1	4,375	14,616	
2000 PEAPOD CROPS	15	1.7	38,839	162,036	
2100 COTTON	31	9.0	181,172	908,806	
2200 SORGHUMS	35	10.6	225,407	1,543,224	
2300 MISC NEW CROPS	1	0.1	4,237	14,668	
2400 BULBARY	25	7.8	156,172	701,117	
2500 BEEF CATTLE	33	4.3	105,285	1,967,736	
2600 DAIRY CATTLE	19	7.7	149,734	791,053	
2700 SWINE	12	2.1	47,628	282,731	
2800 SHEEP AND WOOL	10	1.3	25,636	117,713	
2900 OTHER ANIMALS	16	1.1	11,720	89,159	
3000 CLOTHING & FACILITIES	1	0.4	1,405	11,405	
3100 FEED	3	1.3	41,042	76,444	
3200 HOUSING & EQUIP	4	1.2	2,755	67,475	
3300 PEOPLE AS INDIVIDUAL	6	1.4	31,111	115,479	
3400 FAMILY MEMBERS	4	0.9	16,407	41,517	
3500 FARM AS BUSINESS	3	1.1	1,820	25,117	
3600 SOC POLIT ORGANIZ	11	2.4	76,474	148,247	
3700 FARM COOPERATIVES	1	0.3	3,545	7,444	
3800 INVESTIGATIONS	3	1.2	29,418	78,618	
3900 MISCELLANEOUS, VARIOUS	3	0.5	11,537	41,110	
4000 PLANTS	7	7.0	44,484	167,291	
4100 ANIMALS (VEGETABLES)	1	1.4	18,054	128,294	
7000 RECH EQUIP & TECHNOL	2	0.0	0	1,476	
TOTAL	654	57.0	2,138,534	10,644,255	

TABLE II-6 SUMMARY OF SET-UP AND FUNDS FOR 1977 BY COMMODITY - ARIZONA

CLASSIFICATION CATEGORY	NO OF SPECIES	SCIENTIST YEARS 1977	REG FED APPR/ COPS ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA C 1977
0100 SOIL AND LAND	15	6.2	40,625	446,273	
0200 WATER	12	1.7	54,543	124,683	
0300 WATERSHEDS RIVER BAS	7	1.3	7,937	27,344	
0400 AIR AND CLIMATE	3	0.1	2,156	5,776	
0500 RECREATION RESOURCES	2	0.1	4,172	7,102	
0600 TIMBER FOREST PRODUCT	27	5.5	193,250	631,447	
0700 RANGE	3	1.0	78,191	24,530	
0800 WILDLIFE AND FISH	3	0.3	29,166	16,483	
0900 CITRUS SUB TROP FRUIT	12	5.7	166,254	693,935	
1000 FRUIT NUTS DELICIOUS	25	4.2	166,254	693,935	
1100 ICTATOES	1	0.1	776	12,284	
1200 VEGETABLES	33	10.8	195,947	734,563	
1300 ORNAMENTALS TURF	7	2.0	40,349	122,462	
1400 CASH	7	0.2	18,653	67,443	
1500 GRAIN SORGHUM	3	2.7	16,371	89,685	
1600 LICE	15	5.5	55,969	673,370	
1700 WHEAT	7	1.3	27,482	123,786	
1800 OTHER SMALL GRAINS	5	1.2	25,047	109,752	
1900 TURKISH	4	0.1	4,375	14,616	
2000 PEAPOD CROPS	15	1.7	38,839	162,036	
2100 COTTON	31	9.0	181,172	908,806	
2200 SORGHUMS	35	10.6	225,407	1,543,224	
2300 MISC NEW CROPS	1	0.1	4,237	14,668	
2400 BULBARY	25	7.8	156,172	701,117	
2500 BEEF CATTLE	33	4.3	105,285	1,967,736	
2600 DAIRY CATTLE	19	7.7	149,734	791,053	
2700 SWINE	12	2.1	47,628	282,731	
2800 SHEEP AND WOOL	10	1.3	25,636	117,713	
2900 OTHER ANIMALS	16	1.1	11,720	89,159	
3000 CLOTHING & FACILITIES	1	0.4	1,405	11,405	
3100 FEED	3	1.3	41,042	76,444	
3200 HOUSING & EQUIP	4	1.2	2,755	67,475	
3300 PEOPLE AS INDIVIDUAL	6	1.4	31,111	115,479	
3400 FAMILY MEMBERS	4	0.9	16,407	41,517	
3500 FARM AS BUSINESS	3	1.1	1,820	25,117	
3600 SOC POLIT ORGANIZ	11	2.4	76,474	148,247	
3700 FARM COOPERATIVES	1	0.3	3,545	7,444	
3800 INVESTIGATIONS	3	1.2	29,418	78,618	
3900 MISCELLANEOUS, VARIOUS	3	0.5	11,537	41,110	
4000 PLANTS	7	7.0	44,484	167,291	
4100 ANIMALS (VEGETABLES)	1	1.4	18,054	128,294	
7000 RECH EQUIP & TECHNOL	2	0.0	0	1,476	

CLASSIFICATION	CATEGORY	OF PROJ	CLASSIFIED 1977	NO. OF CDS (GROSS)	ADJUSTED 1977	TOTAL (GROSS) 1977	NO. OF CDS 1977	ADJUSTED 1977
00 SOIL AND LAND		100	34.0	166,566		3,729,870	*	169,969
00 WATER		67	16.6	110,820		1,765,127	*	125,020
00 WATERFRESH RIVER BAS		7	0.7	6,951		54,127	*	5,172
00 AIR AND CLIMATE		14	4.1	33,292		480,285	*	30,910
00 RECREATION RESOURCES		19	3.6	31,121		279,202	*	7,334
00 TIMBER FOREST PRODUCT		60	35.9	112,716		3,092,223	*	222,192
00 FAUNA		24	8.3	39,641		617,395	*	907
00 WILDLIFE AND FISH		42	14.7	85,592		2,115,873	*	58,186
00 CITRUS SUB TROP FRUIT		72	30.5	146,044		3,514,241	*	26,684
00 PRUIT WITS DECIDUOUS		112	43.0	245,428		4,584,679	*	24,564
00 POTATOES		14	4.2	18,858		315,520	*	351
00 VEGETABLES		101	32.2	158,310		3,706,602	*	14,744
00 ORNAMENTALS TURF		10	12.9	76,742		1,299,373	*	11,752
00 CORN		14	1.9	16,041		208,165	*	0
00 GRAIN SORGHUM		5	0.2	200		57,680	*	853
00 RICE		12	4.1	18,230		520,209	*	14,311
00 WHEAT		15	4.0	37,617		404,095	*	22,232
00 OTHER SMALL GRAINS		14	2.8	24,044		351,190	*	263
00 PASTURE		5	2.1	1,083		93,697	*	8,450
00 FORAGE CROPS		40	11.4	81,265		1,235,797	*	12,915
00 COTTON		16	14.5	62,116		1,406,752	*	57,866
00 COTTONSEED		1	0.0	842		2,076	*	0
00 SOYBEANS		7	6.7	4,630		330,353	*	70,045
00 OTHER OILSEED CROPS		10	3.0	16,001		479,130	*	3,634
00 SUGAR CROPS		11	3.2	17,706		374,704	*	2,365
00 RISE NEW CROPS		3	0.6	4,688		160,237	*	721
00 PULPITY		31	12.9	61,040		1,252,636	*	11,745
00 DEER CATTLE		47	12.2	120,341		1,406,577	*	157,352
00 DAIRY CATTLE		37	8.6	74,219		971,119	*	133,250
00 SWINE		1	0.5	183		49,645	*	0
00 SHEEP AND WOOL		22	5.2	34,605		447,470	*	11,659
00 OTHER ANIMALS		19	7.0	32,964		756,419	*	0
00 BEEH AND HONEY		12	5.9	29,048		374,234	*	19,543
00 FARM SUPPL FACILITIES		6	1.3	39,973		161,508	*	15,314
00 LIGHTING & TEXTILES		8	1.9	12,956		127,293	*	0
00 FOOD		51	14.3	124,614		1,524,371	*	40,600
00 HOUSING & HOUL		15	3.4	10,630		245,453	*	1,596
00 PEOPLE AN INDIVIDUAL		76	24.1	193,032		2,415,469	*	61,851
00 FAMILY MEMBERS		7	1.0	9,617		53,105	*	0
00 FARM AS BUSINESS		5	0.7	0		33,696	*	0
00 SOC POLIT ORGANIZ		16	5.6	48,183		327,437	*	0
00 AGRIC ECONOMY H S		6	0.7	4,749		54,811	*	904
00 AGRIC ECONOMY FIDGH		4	1.3	17,701		110,376	*	1,168
00 FARM COOPERATIVES		5	0.6	1,491		22,324	*	565
00 OTH MARKET PROCESE		3	0.2	4,991		11,690	*	565
00 MARKETING SYSTEMS		6	0.9	10,227		43,102	*	3,705
00 WEEDS		7	1.6	40,505		230,420	*	14,027
00 REEP RESEARCH		2	0.9	0		66,411	*	0
00 DIC CELL SYSTEMS		13	10.9	39,965		1,605,998	*	4,929
00 EXP DRUG/MIAT MEIN		6	1.5	0		210,901	*	71,352
00 INFLUENZINIBATES		72	36.6	133,767		3,717,846	*	25,079
00 MICROORGANISMS VIRUS		16	12.6	54,676		1,190,149	*	2,937
00 PLANTS		119	45.0	240,935		4,192,532	*	25,974
00 ANIMALS (VENTERINATES)		39	15.0	49,189		1,581,240	*	19,814
00 RESEARCH ON RESCH HGM		4	0.9	15,886		113,352	*	0
00 RESCH RECHIP & TECHNOL		10	7.4	5,509		768,404	*	0
00 UNCLASSIFIED		1	1.0	1,300		71,023	*	16,610
TOTAL		1572	549.4	3,079,630		59,407,400	*	1,518,747

CLASSIFICATION CATEGORY	NO OF PEOPLE	SCIENTIST YEARS 1977	RES. RES. APPR/ CSRS ALNSTRD (GROSS) 1977	(GROSS) 1977	SYN 1977
0100 SOIL AND LAND	22	13.8	210,871	1,102,566	*
0200 WATER	28	17.5	119,665	1,520,167	*
0300 WATERSHEDS RIVER BAS	6	6.8	23,198	673,858	*
0400 AIR AND CLIMATE	5	5.1	0	1,997,724	*
0500 TINDER FOREST PRODUCT	9	1.8	35,338	135,935	*
0600 BARKER	10	9.0	35,457	1,466,810	*
0700 WILDLIFE AND FISH	3	0.4	1,159	82,897	*
0800 FRUIT NUTS DECIDUOUS	7	4.6	55,035	366,813	*
0900 POTATOES	5	5.8	50,017	279,126	*
1000 VEGETABLES	12	6.2	55,801	364,146	*
1100 ORNAMENTALS TURF	4	3.2	1,375	171,196	*
1200 CORN	5	2.7	19,161	101,190	*
1300 OTHER CEREALS	3	0.1	9,017	29,951	*
1400 WHEAT	5	7.3	6,216	214,981	*
1500 OTHER SMALL GRAINS	7	1.6	37,008	109,387	*
1600 PASTURES	2	0.2	3,416	74,571	*
2000 FOREST CROPS	9	1.5	41,953	181,107	*
2200 COTTONSEED	1	0.3	552	4,641	*
2300 MICEBANS	2	0.1	552	25,167	*
2400 FRUIT	1	0.0	552	4,641	*
2500 OTHER MILLER CROPS	2	0.1	552	25,167	*
2700 SUGAR CROPS	5	1.1	21,795	84,701	*
2800 PULP	4	3.2	52,437	284,254	*
3000 BEEF CATTLE	14	26.2	100,861	5,710,604	*
3100 DAIRY CATTLE	3	0.0	17,335	81,706	*
3200 SWINE	1	0.0	552	4,641	*
3300 SHEEP AND WOOL	5	0.9	17,441	90,301	*
3400 OTHER ANIMALS	4	3.8	13,417	83,052	*
3500 FARM SUPS & FACILITIES	1	0.3	6,222	18,080	*
3700 CLOTHING & TEXTILES	2	6.3	7,950	13,548	*
3800 FOOD	7	7.1	24,568	216,276	*
3900 HOUSING & BUILT	3	5.5	2,744	845,594	*
4000 PEOPLE AS INDIVIDUAL	9	3.0	15,070	361,834	*
4100 FAMILY MEMBERS	5	3.7	26,007	34,606	*
4200 FARM AS SOCIETIES	2	3.2	9,329	14,171	*
4300 SOC POLIT ORGANIZ	11	2.6	85,789	225,263	*
4600 FARM COOPERATIVES	1	0.3	6,222	10,080	*
5100 WEEDS	1	0.1	1,289	18,422	*
5200 SEED RESEARCH	1	1.0	0	119,975	*
5300 INVESTIGATES	1	0.3	0	4,154	*
5400 PLANTS	1	1.0	3,616	57,053	*
5500 ANIMALS (VERTEBRATES)	5	14.9	11,445	1,230,201	*
5600 RESEARCH ON BECH MOD	1	0.3	0	12,692	*
7000 RECH DEVOP & TECHNOL	3	6.3	1,299	62,237	*
9000 UNCLASSIFIED	1	0.6	0	190,270	*
TOTAL	245	160.4	1,398,320	10,067,321	*

CLASSIFICATION CATEGORY	NO OF PEOPLE	SCIENTIST YEARS 1977	RES. RES. APPR/ CSRS ALNSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	UNDA 1000/47/CA M SYN 1977
0100 SOIL AND LAND	3	0.9	1,202	44,791	*
0200 WATER	5	4.4	53,166	176,137	*
0300 WATERSHEDS RIVER BAS	1	1.5	4,047	60,524	*
0400 AIR AND CLIMATE	1	0.5	6,707	24,006	*
0500 TINDER FOREST PRODUCT	12	6.6	77,371	328,527	*
0600 FRUIT NUTS DECIDUOUS	6	4.0	84,795	206,664	*
0700 POTATOES	5	1.4	26,740	67,416	*
0800 VEGETABLES	9	4.4	59,012	206,150	*
0900 ORNAMENTALS TURF	7	1.9	3,121	89,063	*
1000 CORN	6	1.7	22,954	63,167	*
1100 MICEBANS	5	2.2	41,911	119,014	*
1200 TOPACCO	9	4.3	78,224	234,192	*
1300 MISC NEW CROPS	1	0.1	150	5,676	*
1400 OTHER ANIMALS	2	3.7	6,259	35,577	*
1500 CLOTHING & TEXTILES	1	0.2	0	8,644	*
1600 FOOD	1	9.4	4,753	19,673	*
1700 PEOPLE AS INDIVIDUAL	2	1.2	25,037	55,068	*
1800 BIO CELL SYSTEMS	2	0.5	11,212	27,715	*
1900 PLANTS	4	2.3	9,656	110,954	*
TOTAL	82	39.1	515,976	1,011,237	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PROJED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COY/GT/ SYS 1977
0100 SOIL AND LAND	4	0.9	5,644	4,944	*
0200 WATER	3	9.8	2,963	3,353	*
0300 WATERSHEDS RIVER BAS	1	3.1	246	403	*
0400 AIR AND CLIMATE	2	0.2	5,250	5,450	*
0500 RECREATION RESOURCES	4	0.6	19,078	19,733	*
0600 TIMBER FOREST PRODUCT	3	0.5	6,161	8,381	*
0600 WILDLIFE AND FISH	1	0.4	9,716	2,716	*
1000 FRUIT WITS DECIDUOUS	2	0.3	39,949	30,849	*
1100 POTATOES	3	0.2	11,309	21,731	*
1200 VEGETABLES	5	0.9	34,657	39,069	*
1300 ORNAMENTALS TUBI	3	1.0	17,574	18,343	*
1400 CORN	4	1.5	15,516	16,911	*
2000 FORAGE CROPS	3	0.1	10,515	15,008	*
2000 POULTRY	16	6.2	102,090	374,618	*
2700 BEEF CATTLE	2	0.7	2,792	4,671	*
3100 DAIRY CATTLE	10	1.1	41,886	65,909	*
3200 SWINE	1	0.4	3,092	3,595	*
3100 SHEEP AND GOAT	2	0.6	5,524	7,277	*
3400 OTHER ANIMALS	11	6.5	72,044	106,836	*
3500 BEES AND HONEY	1	0.1	16,374	18,374	*
3600 FARM SUPPL FACILITIES	1	3.1	2,661	2,724	*
3800 POOD	2	0.6	18,345	18,413	*
3900 HOUSING & EQUIP	2	0.4	6,155	6,760	*
4000 PEOPLE AS INDIVIDUAL	4	0.9	23,044	21,605	*
4100 FAMILY MEMBERS	1	0.2	2,510	0,630	*
4100 SOC POLIT ORGANIZ	6	1.7	62,756	64,596	*
6100 WEEDS	1	0.1	6,664	7,517	*
6100 BIO CHEM SYSTEMS	1	9.3	0	436	*
7000 HSCN EQUIP & TECHNOI	1	0.5	7,508	0,019	*
9000 UNCLASSIFIED	2	5.3	52,556	1,780,667	*
TOTAL	102	13.4	609,702	2,699,421	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY CCA/ODITY - DELAWARE NEWARK

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PROJED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COY/GT/ SYS 1977
0100 SOIL AND LAND	2	0.9	10,129	40,568	*
0200 WATER	4	0.5	44,708	81,119	*
0500 RECREATION RESOURCES	1	0.6	36,674	46,604	*
0600 TIMBER FOREST PRODUCT	2	1.1	28,480	69,957	*
0800 WILDLIFE AND FISH	4	1.0	17,076	50,634	*
1000 FRUIT WITS DECIDUOUS	1	0.1	9,504	9,253	*
1100 POTATOES	1	0.1	9,020	9,172	*
1200 VEGETABLES	9	1.9	127,197	244,968	*
1300 ORNAMENTALS TUBI	3	0.3	16,774	41,792	*
1400 CORN	6	1.4	59,859	111,692	*
1500 GRAIN SORGHUM	1	0.1	2,457	4,845	*
1700 WHEAT	1	3.1	2,457	4,845	*
2300 SOYBEANS	2	1.9	20,449	153,545	*
2900 POULTRY	7	2.5	88,060	516,916	*
3000 BEEF CATTLE	2	0.1	470	40,051	*
3100 DAIRY CATTLE	7	2.3	100,194	297,024	*
3400 OTHER ANIMALS	2	3.0	1,953	2,472	*
3500 BEES AND HONEY	1	0.6	19,664	25,390	*
3600 FARM SUPPL FACILITIES	2	3.8	20,244	60,916	*
3700 CIGARETTES & TEXTILES	1	0.0	107	107	*
3800 POOD	1	0.3	7,475	15,404	*
4000 PEOPLE AS INDIVIDUAL	5	1.0	29,757	90,011	*
4100 FAMILY MEMBERS	1	0.1	4,616	4,636	*
4100 SOC POLIT ORGANIZ	1	0.8	12,546	27,093	*
4400 AGRIC ECONOMY & S	3	0.6	5,193	41,069	*
6500 INVERTEBRATES	1	0.1	0	2,781	*
6700 PLANTS	2	0.3	53,805	70,947	*
9900 UNCLASSIFIED	1	0.5	0	51,761	*
TOTAL	82	22.4	724,997	2,150,080	*

CLASSIFICATION CATEGORY	OF EPOJ	YEARS 1977	CBS ADMINISTED (GROSS) 1977	(GROSS) 1977
3100 SOIL AND LAND	55	2.6	94,181	1,596,266
9200 WATER	39	15.4	72,938	1,128,515
9300 WATERBODIES RIVER SEA	5	2.3	3,211	163,206
9400 AIR AND CLIMATE	4	0.5	12,048	74,761
9500 VEGETATION RESOURCES	2	6.3	0	18,501
9600 TIMBER FOREST PRODUCTS	26	11.5	246,039	1,097,100
9700 FISH	6	1.4	26,803	136,053
9800 WILDLIFE AND BIRD	22	8.4	47,020	561,194
9900 CITRUS SUB TREE FRUIT	76	18.3	51,042	1,638,056
1000 FRUIT NUTS DECIDUOUS	49	16.6	59,081	1,210,356
1100 LEGUMES	9	2.9	1,135	170,411
1200 VEGETABLES	111	58.3	112,429	3,436,805
1300 ORNAMENTALS TREES	53	29.1	59,592	1,904,387
1400 CORN	23	5.7	24,541	161,083
1500 GRAIN SOYBEAN	13	1.0	0	61,862
1600 WHEAT	6	0.6	0	54,211
1700 OTHER SMALL GRAINS	4	1.3	0	37,563
1800 PASTURE	25	8.3	7,356	654,465
1900 YCROP CROPS	43	16.3	24,274	1,078,028
2100 COTTON	1	0.2	0	9,891
2200 SOYBEANS	32	6.4	47,094	513,534
2300 PEANUTS	27	6.7	46,111	403,702
2400 TOBACCO	4	2.6	7,043	185,850
2500 SUGAR CROPS	4	1.8	0	160,281
2600 MISC NEW CROPS	6	2.5	14,359	51,713
2700 POLYMER	22	7.2	102,722	573,059
2800 BEEF CATTLE	63	21.6	133,221	2,201,207
2900 DAIRY CATTLE	32	11.8	172,765	1,175,046
3000 SWINE	18	4.3	29,025	517,000
3100 SHEEP AND WOOL	9	1.5	22,673	115,172
3200 OTHER ANIMALS	17	5.8	67,365	550,384
3300 BEEHIVE AND HONEY	1	1.2	10,639	43,740
3400 FARM SUPP & FACILITIES	1	0.1	0	3,450
3500 FOOD	2	4.5	18,054	278,723
3600 HOUSING & EQUIP	4	1.4	0	100,994
3700 PEOPLE AS INDIVIDUAL	4	1.8	10,404	461,282
3800 FAMILY MEMBERS	1	0.1	3,046	7,666
3900 FARM AS BUSINESS	2	2.7	1,133	48,564
4000 SOC POLIT ORGANIZ	3	6.9	18,611	144,036
4100 AGRIC ECONOMY U S	3	3.2	2,626	141,661
4200 FARM COOPERATIVES	1	0.4	3,608	16,683
4300 OTH MARKET PRODUCTS	1	0.6	5,051	23,356
4400 MARKETING SYSTEMS	1	1.0	9,021	41,708
4500 WEEDS	1	0.3	0	31,547
4600 BIO CELL SYSTEMS	1	0.7	347	25,515
4700 EXP DESIGN/STAT MATH	1	3.0	15,131	261,329
4800 INVENTORIES	0	7.6	31,328	441,199
4900 MICROORGANISMS, VIRUS	13	6.7	57,120	378,278
5000 PLANTS	22	9.6	82,534	907,510
5100 ANIMALS (VERTEBRATES)	7	1.4	7,619	111,853
5200 RESEARCH & TECHNOL	2	0.3	1,226	10,721
5300 UNCLASSIFIED	1	0.3	0	593,279
TOTAL	892	368.4	1,706,177	28,151,576

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER. PER APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH S SYS 1977	AND 1
0100 SOIL AND LAND	16	7.4	145,588	938,501	*	
0200 WATER	17	2.6	12,868	167,113	*	
0300 WATERSHEDS RIVER BAS	1	0.2	4,667	20,705	*	
0400 AIR AND CLIMATE	1	5.2	27	11,611	*	
0500 RECREATION RESOURCES	2	3.6	3,922	24,493	*	
0600 TIMBER FOREST PRODUCT	26	21.9	249,840	1,358,353	*	76,
0700 RANGE	1	6.9	3	3,177	*	
0800 WILDLIFE AND FISH	10	8.6	183,704	601,669	*	
0900 SOIL NUTS DECIMOUS	41	15.7	272,232	1,073,436	*	2,
1200 VEGETABLES	15	15.1	286,369	1,128,628	*	9,
1300 ORNAMENTALS TREE	20	7.4	107,835	459,351	*	
1400 CORN	20	4.8	74,443	320,662	*	1,
1500 GRAIN SORGHUM	11	2.2	41,623	189,136	*	
1700 WHEAT	11	1.5	16,725	116,786	*	
1800 OTHER SMALL GRAINS	5	2.7	83,111	126,560	*	
1900 PASTURE	6	1.0	16,331	234,094	*	
2000 FORAGE CROPS	21	7.1	107,195	477,558	*	
2100 COTTON	12	1.7	12,215	350,671	*	
2200 COTTONSEED	2	6.8	1,561	25,902	*	
2300 SOYBEANS	27	9.9	136,924	716,076	*	32,
2400 PEANUTS	24	9.9	79,236	717,871	*	
2500 OTHER DISPERD CROPS	1	0.1	237	5,053	*	
2600 TOBACCO	7	2.9	9,011	224,411	*	
2800 MISC NEW CROPS	3	0.3	13,910	15,901	*	
2900 HONEY	44	12.1	216,112	1,382,037	*	11,
3000 BEEF CATTLE	37	11.5	135,525	1,419,959	*	
3100 DAIRY CATTLE	11	8.1	887,935	1,249,747	*	
3200 SWINE	22	7.0	105,010	710,735	*	12,
3300 SHEEP AND GOAT	2	6.1	11,362	17,557	*	
3400 OTHER ANIMALS	1	1.1	16,384	61,412	*	
3500 BEES AND HONEY	1	0.1	151	13,044	*	11,
3600 FARM BLDG & FACILITIES	1	0.2	395	10,690	*	
3800 FOOD	13	6.0	134,951	433,302	*	3,
3900 FISHING & EQUIP	7	1.3	15,100	131,548	*	
4000 PEOPLE AS INDIVIDUAL	12	2.2	54,566	184,325	*	
4100 FAMILY MEMBERS	6	0.3	6,636	30,218	*	
4200 FARM AS INDIVIDUAL	6	1.4	15,910	116,624	*	1,
4300 SOC POLIT ORGANIZ	9	1.4	11,513	125,017	*	
4400 AGRIC ECONOMY H &	2	1.1	7,714	53,204	*	
4600 FARM COOPERATIVES	1	0.1	1,456	15,360	*	
4700 OTH MARKET PRICES	1	1.0	621	2,460	*	
5100 WREDS	1	0.2	382	46,042	*	
5500 INVERTEBRATES	1	0.2	9	5,951	*	
6000 MICROORGANISMS, VIRUS	4	1.1	565	114,362	*	21,
6700 PLANTS	16	5.3	121,186	323,002	*	6,
6800 ANIMALS (VERTEBRATES)	3	0.2	806	17,402	*	
7000 BUSH EQUIP & TECHNOL	1	0.1	1,909	7,176	*	
TOTAL	519	107.5	2,897,009	15,529,335	*	191,

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY

- 404N

AGASA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER. PER APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH S SYS 1977	AND 1
0100 SOIL AND LAND	1	0.1	121,606	121,606	*	
0600 TIMBER FOREST PRODUCT	1	0.2	32,490	32,490	*	
0900 CITRUS AND TROP FRUIT	1	0.2	5,071	5,071	*	
1200 VEGETABLES	6	1.6	316,891	310,891	*	
1300 ORNAMENTALS TREE	1	0.0	5,071	5,071	*	
4300 SOC POLIT ORGANIZ	1	2.3	4,272	4,272	*	
TOTAL	11	1.8	475,601	475,601	*	

0100 SOIL AND LAND	19	5.9	52,054	279,391	*
0200 WATER	9	1.4	25,493	98,017	*
0300 WATERSHEDS RIVER BAS	3	0.5	5,541	23,041	*
0400 AIR AND CLIMATE	1	0.1	3,550	14,816	*
0500 TIMBER FOREST PROJECT	10	1.5	40,362	175,377	*
0700 RANGE	3	1.1	7,038	55,464	*
0800 WILDLIFE AND FISH	4	1.0	726	104,854	*
0900 CITRUS FRUIT TROP FRUIT	56	19.5	164,156	1,326,467	*
1000 FRUIT NUTS DECIDUOUS	16	3.8	43,237	274,130	*
1100 POTATOES	3	0.4	0	32,966	*
1200 VEGETABLES	51	12.2	78,617	1,138,414	*
1300 ORNAMENTALS TURP	26	10.1	76,626	546,106	*
1400 CORN	15	2.9	20,120	324,070	*
1500 GRAIN SORGHUM	3	0.1	2,362	25,717	*
1600 WHEAT	2	0.1	0	7,812	*
1900 PASTURE	4	0.9	4,710	119,319	*
2000 FORAGE CROPS	13	2.7	15,711	151,223	*
2300 SOYBEANS	6	0.5	3,715	81,706	*
2400 PEANUTS	1	0.1	0	6,161	*
2700 SUGAR CROPS	16	2.9	25,704	152,246	*
2800 MISC NEW CROPS	3	1.9	960	173,310	*
2900 POULTRY	7	2.3	16,673	142,370	*
3000 BEEF CATTLE	11	3.5	55,579	302,409	*
3100 DAIRY CATTLE	11	1.6	37,720	192,469	*
3200 SWINE	6	0.7	210	99,020	*
3400 OTHER ANIMALS	4	1.0	0	60,040	*
3600 FARM SUPP & FACILITIES	2	0.5	0	38,921	*
3700 CLOTHING & TEXTILES	1	0.1	0	7,815	*
3800 FOOD	11	3.9	37,869	216,841	*
3900 HOUSING & EQUIP	7	1.9	15,574	120,664	*
9000 PEOPLE AS INDIVIDUAL	6	2.2	32,372	124,793	*
4100 FAMILY RESEARCH	2	1.4	17,753	78,640	*
4200 FARM AS BUSINESS	1	0.0	2,506	3,437	*
4300 AGRIC ECONOMY U S	2	3.4	5,647	14,427	*
4600 FARM COOPERATIVES	1	0.1	0	2,533	*
4800 MARKETING SYSTEMS	2	0.0	20,240	27,583	*
6100 WEEDS	2	0.1	1,237	11,312	*
6300 BIO CELL SYSTEMS	1	0.3	1,237	16,085	*
6400 EXP DESIGN/STAT METH	1	0.2	0	6,236	*
6500 INVERTEBRATES	6	1.6	2,212	95,289	*
6600 MICROORGANISMS, VIRUS	3	0.5	0	10,162	*
6700 PLANTS	4	0.9	6,563	50,640	*
6900 RESEARCH ON RSCH MON	1	0.2	0	87,727	*
7000 RSCH BUDG & TECHNOL	1	0.1	0	14,905	*
9900 UNCLASSIFIED	1	0.5	0	27,838	*
TOTAL	362	92.1	616,176	6,629,838	*

TABLE II-2 SUMMARY OF SCI-TECHS AND FUNDS FOR 1977 BY COMMODITY - IDAHO MOSCOW

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG RES APPR/ CSES ADMINSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/OS SYS 1977
0100 SOIL AND LAND	19	5.3	92,564	467,752	*
0200 WATER	9	1.7	66,463	108,787	*
0300 WATERSHEDS RIVER BAS	3	0.5	1,111	2,905	*
0400 AIR AND CLIMATE	2	0.4	2,997	11,779	*
0500 RECREATION RESOURCES	1	0.1	1,217	25,929	*
0600 TIMBER FOREST PRODUCT	10	2.9	6,974	153,170	*
0700 RANGE	6	1.1	17,927	90,801	*
0800 WILDLIFE AND FISH	4	0.4	6,695	27,380	*
1000 FRUIT NUTS DECIDUOUS	7	1.7	11,055	130,231	*
1100 POTATOES	27	10.2	96,163	790,215	*
1200 VEGETABLES	26	11.2	152,619	504,861	*
1300 ORNAMENTALS TURP	2	0.6	13,049	36,673	*
1400 CORN	3	0.4	7,703	25,056	*
1500 GRAIN SORGHUM	2	0.2	854	7,954	*
1700 WHEAT	17	6.7	41,834	725,997	*
1800 OTHER SMALL GRAINS	9	2.4	12,705	389,259	*
2000 FORAGE CROPS	4	2.0	31,914	270,744	*
2300 SOYBEANS	1	0.0	54	88	*
2500 OTHER OILSEED CROPS	1	0.0	326	476	*
2700 SUGAR CROPS	7	1.1	21,879	77,232	*
2800 MISC NEW CROPS	5	2.4	109	247,622	*
2900 POULTRY	2	0.9	26,554	79,159	*
3000 BEEF CATTLE	11	7.4	245,074	891,044	*
3100 DAIRY CATTLE	8	2.6	45,265	277,493	*
3200 SWINE	1	0.6	7,624	20,568	*
3300 SHEEP AND WOOL	8	2.7	56,789	290,264	*
3400 OTHER ANIMALS	1	0.1	2,550	6,240	*
3600 FARM SUPP & FACILITIES	1	0.4	14,602	35,830	*
3700 CLOTHING & TEXTILES	4	0.3	10,591	13,639	*
3800 FOOD	4	1.4	12,797	72,299	*
3900 HOUSING & EQUIP	5	0.7	9,977	44,402	*

CATEGORY	1977	1977	1977	1977	1977
0100 SOIL AND LAND	11	14.7	208,666	841,374	*
0200 WATER	11	3.4	43,429	221,201	*
0300 WATERSHEDS RIVER BAS	4	0.9	22,533	41,454	*
0400 AIR AND CLIMATE	2	1.3	3,727	71,863	*
0500 RECREATION RECREATION	6	0.1	11,776	29,735	*
0600 TIMBER FOREST PRODUCT	26	5.4	124,211	249,714	*
0700 WILDLIFE AND FISH	1	2.1	3,096	15,732	*
0800 FERTILIZERS DESTRUCTIVE	12	5.7	44,600	842,056	*
0900 VEGETABLES	17	5.6	54,854	434,396	*
1000 ORNAMENTALS TREES	16	4.7	34,164	213,447	*
1100 CORN	24	12.2	249,750	577,906	*
1200 GRAIN SORGHUM	4	0.8	17,046	42,179	*
1300 RICE	1	3.2	1,154	8,334	*
1400 WHEAT	11	1.1	17,441	40,775	*
1500 OTHER SMALL GRAINS	7	0.9	10,692	72,216	*
1600 PASTURE	1	0.4	5,673	20,661	*
1700 FORAGE CROPS	12	4.3	58,435	161,849	*
1800 COTTON	1	0.1	1,613	5,375	*
1900 SUGAR CROPS	46	19.6	107,691	1,147,367	*
2000 ISLANDS	1	0.5	2,084	3,905	*
2100 OTHER OILSEED CROPS	1	0.2	7,577	19,496	*
2200 SUGAR CROPS	1	0.0	2.1	1,119	*
2300 KISS NEW CROPS	1	0.1	11,122	15,253	*
2400 COUNTRY	6	1.9	12,194	224,695	*
2500 BEFF CATTLE	17	7.6	161,598	710,192	*
2600 DAIRY CATTLE	11	10.1	701,157	1,219,339	*
2700 SWINE	22	9.1	170,933	1,111,560	*
2800 SHEEP AND GOATS	1	1.2	41,045	263,071	*
2900 OTHER ANIMALS	16	4.4	67,180	411,445	*
3000 BEES AND HONEY	1	0.6	2,651	34,751	*
3100 FARM SCOP & FACILITIES	1	1.6	22,425	87,065	*
3200 CLOTHING & TEXTILES	1	0.2	12,078	25,408	*
3300 FISH	19	1.9	137,591	436,557	*
3400 HOUSING & EQUIP	9	4.6	139,862	344,416	*
3500 FEMALE AS INDIVIDUAL	14	2.8	54,041	297,666	*
3600 FEMALE MENSTRU	6	1.1	51,463	141,784	*
3700 FARM AS BUSINESS	7	4.2	124,216	201,032	*
3800 SPEC FOLL: ORGANIA	7	4.1	70,726	150,376	*
3900 PUBLIC ECONOMY U.S.	4	2.2	62,269	125,393	*
4000 FARM COOPERATIVES	1	0.1	5,022	7,162	*
4100 MARKETING SYSTEMS	4	1.1	47,635	104,034	*
4200 BIO CELL SYSTEMS	7	2.5	57,713	243,109	*
4300 EXP DESIGN/STAT METH	2	1.6	7,210	67,007	*
4400 MICROORGANISMS, VITAM	4	1.6	19,101	66,881	*
4500 PLANTS	9	4.7	401,052	255,137	*
4600 ANIMALS (VEGET) PROTES	3	0.6	25,002	44,591	*
4700 RESEARCH ON FISH AND	7	0.2	1,942	7,734	*
4800 RESEARCH EQUIP & TECHNOL	1	0.1	2,749	5,445	*
4900 UNCLASSIFIED	1	0.1	11,918	17,031	*
TOTAL	441	164.7	2,969,191	12,999,761	*

CATEGORY	CF PROJ	YEARS 1977	CSRS AMSTRD (GROSS) 1977	(GROSS) 1977	1977
0100 SOIL AND LAND	28	6.2	101,263	979,362	*
0200 WATER	10	3.0	46,834	355,292	*
0300 WATERSHEDS RIVERS BAS	5	2.0	4,846	199,535	*
0400 AIR AND CLIMATE	6	1.6	41,424	156,656	*
0500 RECREATION RESOURCES	3	1.3	7,159	81,085	*
0600 TIMBER FOREST PRODUCTS	23	8.5	157,196	741,795	*
0800 WILDLIFE AND FISH	6	2.4	10,755	101,212	*
1000 FRUIT NUTS DECIDUOUS	10	4.3	63,194	248,761	*
1100 STATICES	7	2.1	33,647	117,551	*
1200 VEGETABLES	23	5.1	131,164	481,258	*
1300 SEMI-MERITALS TREE	9	1.9	35,236	191,719	*
1400 CORN	47	16.7	231,659	999,140	*
1500 GRAIN SORGHUM	6	1.1	5,359	35,203	*
1700 WHEAT	21	5.4	51,451	362,576	*
1800 OTHER SMALL GRAINS	4	0.4	5,146	38,485	*
1900 PASTURE	1	0.4	2,132	25,379	*
2000 FORAGE CROPS	17	4.2	90,397	277,191	*
2300 SOYBEANS	35	13.1	129,324	774,291	*
2500 OTHER OILSEED CROPS	2	0.6	9	7,516	*
2700 SUGAR CROPS	1	0.1	2,124	5,160	*
2800 MISC NEW CROPS	3	2.5	13,477	135,240	*
2900 POULTRY	17	5.7	113,246	575,113	*
3000 BEEF CATTLE	36	6.5	118,227	1,177,360	*
3100 DAIRY CATTLE	26	6.5	170,556	781,294	*
3200 SWINE	17	11.2	117,646	1,314,243	*
3300 SHEEP AND WOOL	11	1.4	2,722	165,423	*
3400 OTHER ANIMALS	12	3.6	51,432	241,869	*
3500 BEES AND HONEY	1	0.1	0	10,696	*
3600 FARM SUPP & FACILITIES	4	0.6	18,324	60,179	*
3700 CLOTHING & TEXTILES	3	6.6	22,873	44,343	*
3800 FOOD	11	2.1	61,068	299,160	*
3900 HOUSING & EQUIP	13	1.7	31,403	121,019	*
4000 PEOPLE AS INDIVIDUAL	16	3.3	68,199	422,177	*
4100 FAMILY MEMBERS	11	0.4	48,711	73,474	*
4200 FARM AS BUSINESS	12	4.2	149,607	244,035	*
4300 SOC POLIT ORGANIZ	12	2.7	69,501	123,654	*
4400 AGRIC ECONOM H & A	6	1.0	46,331	105,498	*
4500 AGRIC ECONOMIC FORUM	2	0.6	18,246	29,962	*
4600 FARM COOPERATIVES	3	0.6	2,863	46,934	*
4700 OTN MARKET PROCESS	3	0.2	1,579	58,296	*
4800 MARKETING SYSTEMS	6	0.8	17,078	68,758	*
6100 WEEDS	4	0.6	17,071	43,774	*
6200 SEED RESEARCH	1	0.2	2,436	12,680	*
6300 BIO CELL SYSTEMS	9	13.9	56,555	653,009	*
6400 EXT DESIGN/STAT METH	3	0.7	10,706	60,812	*
6503 INVESTIGATORS	9	4.7	61,631	166,703	*
6600 MICROORGANISMS, VIRUS	7	4.4	58,491	284,725	*
6700 PLANTS	15	1.1	190,710	390,791	*
6800 ANIMALS (VERTEBRATES)	18	1.2	136,616	630,985	*
7000 RSCH EQUIP & TECHNOL	7	2.5	34,227	270,841	*
9900 UNCLASSIFIED	1	1.4	4,475	749,846	*
TOTAL	587	134.5	2,713,613	15,964,357	*

CATEGORY	OF PAGE	YAPPS 1977	CBSB (GCSB) 1977	1977	1977	1977
SOIL AND LAND	36	10.2	156,273	1,381,640	*	14,982
WATER	24	1.1	47,757	451,110	*	14,982
WATERWAYS FIVER BAS	5	1.0	41,836	123,347	*	4,267
WATER AND CLIMATE	7	2.2	45,256	127,147	*	0
RECREATION RESOURCES	5	0.8	22,039	72,094	*	6,720
FOREST PRODUCT	8	3.0	77,007	229,530	*	12,402
WILDLIFE AND FISH	26	1.0	1,916	124,775	*	0
WILDLIFE SPECIMENS	7	2.4	0	109,114	*	0
TOTALS	2	0.0	0	4,134	*	0
BOGTABLES	5	1.0	2,055	64,723	*	0
BOGTABLES TUFF	15	3.4	36,064	232,024	*	4,275
BOGT	50	11.2	251,864	1,545,301	*	12,992
BOGT SOFGHUM	4	0.8	12,968	42,415	*	4,275
BOGT	4	0.2	11,330	16,146	*	1,819
OTHER SMALL GRAINS	10	2.5	122,290	382,412	*	5,040
BOGT	3	1.0	38,151	106,592	*	0
BOGT CROPS	12	1.2	54,259	228,707	*	17,099
BOGT BEANS	42	9.5	231,635	1,148,018	*	30,149
BOGT NEW CROPS	3	0.4	40,959	64,781	*	12,824
JULTRY	24	3.5	147,523	532,793	*	7,583
BOGT CATTLE	37	4.5	416,080	1,651,773	*	51,973
BOGT CATTLE	19	5.5	179,525	976,304	*	48
BOGT	17	5.4	516,793	1,766,654	*	37,207
BOGT AND WOOL	4	0.1	1,107	97,177	*	0
BOGT ANIMALS	12	2.8	52,410	277,999	*	4,870
BOGT SUPP & FACILITS	5	0.6	29,514	107,755	*	7,015
BOGT & TEXTILES	2	0.1	0	10,572	*	0
BOGT	11	1.7	51,375	161,957	*	0
BOGT & EQUIP	11	1.6	36,333	131,571	*	31,641
BOGT AS INDIVIDUAL	26	3.4	28,805	341,367	*	7,305
BOGT MEMBERS	16	0.7	99,297	160,842	*	557
BOGT BUSINESS	10	0.6	28,964	166,904	*	19,213
BOGT POLIT ORGANIZ	22	3.9	126,219	622,621	*	105,546
BOGT ECONOMY U S	12	1.3	25,729	375,553	*	13,930
BOGT ECONOMI FORGN	3	0.4	1,821	14,509	*	3,380
BOGT COOPRATIVES	2	0.1	12,606	14,667	*	0
BOGT MARKET PROCESS	2	0.2	9,866	23,149	*	0
BOGT SYSTEMS	1	0.3	27,251	26,350	*	4
BOGT DESIGN/STAT MKTH	5	1.4	13,911	203,621	*	0
BOGT	4	0.6	5,206	295,494	*	232,369
BOGT	1	0.4	0	11,180	*	0
BOGT ORGANISMS, VIRUS	2	1.2	0	82,121	*	0
BOGT	4	0.6	10,611	37,144	*	224
BOGT ANIMALS (VIRUS)	6	2.7	13,911	298,400	*	0
BOGT RESEARCH ON BOGT MGN	5	1.2	0	75,704	*	43,033
BOGT EQUIP & TECHNOL	3	0.7	12,991	15,781	*	3
BOGT CLASSIFIED	1	0.1	0	621,120	*	0
	560	116.6	3,053,588	15,769,101	*	647,808

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	REG FED APPR/ CRRS ADMSTPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
0100 SOIL AND LAND	24	5.3	27,764	375,815
0200 WATER	42	10.1	46,948	695,812
0300 WATERSHEDS FIVE USE	6	0.5	0	37,556
0400 AIR AND CLIMATE	4	2.3	20,503	130,139
0600 TIMBER FOREST PRODUCT	21	5.0	80,651	260,316
0700 RANGE	12	5.0	53,542	301,417
0800 WILDLIFE AND FISH	8	2.0	0	92,481
1000 FRUIT NUTS DECIDUOUS	8	3.5	3,041	141,273
1100 POTATOES	9	0.7	3,854	46,844
1200 VEGETABLES	16	2.3	26,056	122,856
1300 ORNAMENTALS TURF	12	2.4	1,395	121,884
1400 CORN	71	4.6	81,677	755,453
1500 GRAIN SORGHUM	67	13.3	102,852	1,011,526
1600 RICE	3	1.2	832	4,158
1700 WHEAT	119	20.5	244,231	1,707,284
1800 OTHER SMALL GRAINS	16	1.4	30,871	146,281
1900 PASTURE	5	0.8	3,447	73,979
2300 FORAGE CROPS	34	6.2	70,020	439,585
2400 SOYBEANS	64	6.4	45,933	435,500
2500 OTHER OILSEED CROPS	4	0.4	7,127	25,977
2700 SUGAR CROPS	5	0.8	0	43,397
2800 MISC NEW CROPS	2	0.1	1,468	4,212
2900 POULTRY	25	7.3	155,471	540,151
3000 BEEF CATTLE	79	16.8	310,479	2,704,463
3100 DAIRY CATTLE	56	8.8	115,316	872,175
3200 SWINE	25	3.1	57,507	366,841
3300 SHEEP AND WOOL	21	3.2	38,053	319,110
3400 OTHER ANIMALS	18	1.2	0	110,042
3500 EGGS AND HONEY	1	0.1	0	3,290
3600 FARM SUPS & FACILITIES	8	0.9	1,141	92,215
3700 CLOTHING & TEXTILES	2	0.7	0	16,084
3800 EGGS	11	1.8	27,309	109,991
3900 HOUSING & EQUIP	8	1.6	3,624	116,066
4300 PEOPLE AS INDIVIDUAL	25	3.1	35,368	233,965
4400 FAMILY MEMBERS	7	1.6	35,708	103,711
4200 FARM AS BUSINESS	2	0.7	0	32,748
4300 SOC POLIT ORGANIZ	25	4.1	90,043	330,207
4400 AGRIC ECONOMY US	2	0.1	0	14,733
4600 FARM COOPERATIVES	2	0.3	19,803	22,082
4700 OTH MARKET PROCESS	1	0.6	0	3,988
4800 MARKETING SYSTEMS	3	1.0	0	42,234
4900 WEEDS	1	0.0	0	444
5300 BIO CELL SYSTEMS	19	5.6	28,667	375,402
5500 INVERTEBRATES	2	0.9	26,723	30,093
6600 MICROORGANISMS, VIRUS	7	1.4	1,434	72,414
6700 PLANTS	18	2.2	5,464	147,159
6800 ANIMALS (VENTERFATHS)	17	3.3	57,406	261,319
7000 RSCH EQUIP & TECHNOL	2	0.7	0	34,382
5900 UNCLASSIFIED	3	14.4	0	616,510
TOTAL	215	185.6	1,074,210	14,701,360

TABLE 7-6 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - KENTUCKY

CLASSIFICATION CATEGORY	NO OF PROD	SCIENTIST YEARS 1977	REG FED APPR/ CRRS ADMSTPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
0100 SOIL AND LAND	14	3.4	111,458	290,230
0200 WATER	10	1.9	70,562	191,459
0300 WATERSHEDS RIVER BAS	2	1.0	21,665	66,579
0400 AIR AND CLIMATE	1	0.1	10,023	31,237
0500 RECREATION RESOURCES	3	0.7	8,868	26,111
0600 TIMBER FOREST PRODUCT	14	4.7	118,263	414,879
0800 WILDLIFE AND FISH	1	0.0	10,747	41,696
1000 FRUIT NUTS DECIDUOUS	6	4.3	67,593	224,999
1100 ECTIATORS	2	0.4	25,448	59,621
1200 VEGETABLES	11	5.2	129,269	282,898
1300 ORNAMENTALS TURF	7	2.5	56,775	142,053
1400 CORN	10	2.8	113,964	233,476
1500 GRAIN SORGHUM	1	0.2	6,822	7,564
1700 WHEAT	3	0.5	27,064	42,162
1800 OTHER SMALL GRAINS	3	0.5	54,803	129,037
1900 PASTURE	2	0.0	0	5,941
2000 FORAGE CROPS	21	7.5	188,198	796,053
2300 SOYBEANS	16	6.3	258,197	486,751
2600 TOBACCO	15	5.8	168,992	455,120
2800 MISC NEW CROPS	3	0.5	9,316	0,316
2900 POULTRY	2	0.6	23,262	86,043
3000 BEEF CATTLE	21	7.7	240,300	994,346
3100 DAIRY CATTLE	13	4.1	163,569	435,472
3200 SWINE	6	3.3	100,401	308,246
3300 SHEEP AND WOOL	12	2.2	107,948	272,733

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED AGRIC/ CSRS AGRSTND (GROSS) 1977	TOTAL FUNDING (GROSS) 1977	USDA COM/ST/ SYS 1977
0100 SOIL AND LAND	23	6.2	129,620	398,546	.
0200 WATER	10	1.7	17,713	115,485	.
0500 RECREATION RESOURCES	3	0.3	8,544	17,118	.
0600 TIMBER FOREST PRODUCT	35	5.0	170,103	505,961	.
0700 FUR	1	0.2	0	7,289	.
0800 WILDLIFE AND FISH	26	10.1	18,515	702,409	.
0900 CITRUS SUB TROP FRUIT	7	1.4	1,670	93,631	.
1000 FRUIT NUTS DECIDUOUS	26	7.3	6,851	461,560	.
1100 POTATOES	4	1.0	23,743	67,704	.
1200 VEGETABLES	51	17.3	134,226	1,020,964	.
1300 ORNAMENTALS TURF	16	7.6	7,191	372,461	.
1400 CORN	16	2.5	22,451	151,460	.
1500 GRAIN SOYABEANS	12	1.5	6,261	86,694	.
1600 RICE	15	15.9	57,144	951,552	.
1700 WHEAT	12	0.7	783	55,776	.
1800 OTHER SMALL GRAINS	9	0.6	5,015	32,003	.
1900 PASTURE	27	5.6	39,620	500,630	.
2000 FORAGE CROPS	27	5.7	58,867	573,412	.
2100 COTTON	32	13.0	174,215	869,346	.
2300 SOYBEANS	13	10.3	115,203	1,073,465	.
2600 TOBACCO	1	0.1	0	509	.
2700 SUGAR CROPS	27	13.7	45,515	635,348	.
2800 MISC NEW CROPS	3	0.6	571	27,161	.
2900 POULTRY	13	4.5	125,355	737,726	.
3000 BEEF CATTLE	53	21.4	257,339	2,140,794	.
3100 DAIRY CATTLE	35	19.1	174,275	1,757,697	.
3200 SWINE	4	1.1	8,266	168,390	.
3300 SHEEP AND WOOL	2	0.4	0	30,431	.
3400 OTHER ANIMALS	11	3.1	56,753	279,897	.
3600 FARM SUPP & FACILITIES	5	2.1	4,281	107,037	.
3700 FIBER & TEXTILES	6	0.9	24,645	62,047	.
3800 FUR	6	1.7	15,292	65,139	.
3900 HOUSING & BQUIP	6	1.7	8,108	147,067	.
4000 PEOPLE AS INDIVIDUAL	21	3.6	35,994	161,862	.
4100 FAMILY MEMBERS	6	1.2	16,411	40,034	.
4200 FARM AS BUSINESS	3	1.7	8,670	71,920	.
4300 SOC POLIT ORGANIZ	12	2.5	67,412	134,638	.
4400 AGRIC ECONOMY U S	1	0.2	4,669	14,855	.
4500 FARM COOPERATIVES	1	0.1	6,506	6,506	.
4700 INT MARKET PROCESSES	2	0.4	0,356	21,675	.
4800 MARKETING SYSTEMS	3	1.4	11,151	49,413	.
4900 EXP DESIGN/STAT METH	2	0.6	0	53,761	.
5000 INVERTEBRATES	6	2.0	1,858	75,607	.
5700 PLANTS	5	1.3	27,374	78,306	.
6000 ANIMALS (VERTEBRATES)	2	0.4	17,241	14,502	.
6700 RESEARCH ON RESC MAM	2	2.3	0	140,372	.
7000 PSCH EQUIP & TECHNOL	1	1.4	0	43,323	.
TOTAL	657	202.6	1,991,254	15,117,260	.

TABLE II-B SUMMARY OF SCIENTIST AND FUNDING FOR 1977 BY COMMODITY - MARYLAND COLLEGE PARK

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED AGRIC/ CSRS AGRSTND (GROSS) 1977	TOTAL FUNDING (GROSS) 1977	USDA COM/ST/ SYS 1977
0100 SOIL AND LAND	16	4.1	89,186	231,970	.
0200 WATER	10	0.9	40,486	154,077	.
0300 WATERFOWLS BIRDS	2	0.1	2,543	9,773	.
0400 AIR AND CLIMATE	1	0.1	1,927	6,222	.
0500 RECREATION RESOURCES	4	0.2	9,193	20,746	.
0600 TIMBER FOREST PRODUCT	11	2.2	72,130	129,196	.
0800 WILDLIFE AND FISH	6	2.2	24,353	103,590	.
0900 CITRUS SUB TROP FRUIT	1	0.0	1,824	4,663	.
1000 FRUIT NUTS DECIDUOUS	10	3.5	84,955	257,927	.
1100 POTATOES	3	0.4	19,500	30,133	.
1200 VEGETABLES	25	6.2	131,970	422,448	.
1300 ORNAMENTALS TURF	15	2.1	43,491	201,857	.
1400 CORN	9	2.5	33,061	101,896	.
1700 WHEAT	2	0.8	17,339	49,537	.
1800 OTHER SMALL GRAINS	2	0.4	11,239	33,494	.
1900 PASTURE	1	0.0	0	1,976	.
2000 FORAGE CROPS	9	2.8	52,152	228,448	.
2100 COTTON	1	0.2	3,851	9,191	.
2300 SOYBEANS	10	3.3	45,604	234,100	.
2400 PEANUTS	1	0.1	416	1,174	.
2600 TOBACCO	10	3.1	29,036	250,876	.
2800 MISC NEW CROPS	1	0.2	2,394	4,368	.
2900 POULTRY	19	9.4	162,783	611,820	.
3000 BEEF CATTLE	12	3.1	28,745	263,264	.
3100 DAIRY CATTLE	19	7.1	151,414	782,030	.
3200 SWINE	5	0.7	16,295	81,638	.
3300 SHEEP AND WOOL	2	0.2	12,831	21,189	.
3400 OTHER ANIMALS	11	3.3	15,286	197,366	.

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MAINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER FED AGRIC CSPS ACRSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	US
0100 SOIL AND LAND	2	1.7	74,313	151,576	
0200 WATER	2	0.2	9,616	47,691	
0400 AIR AND CLIMATE	1	0.4	19,067	14,114	
0500 RECREATION RESOURCES	2	1.7	26,973	49,345	
0600 TIMBER FOREST PROTECT	35	15.7	240,237	991,411	
0800 WILDLIFE AND FISH	13	5.3	70,485	421,664	
1000 FRUIT NUTS DECIDUOUS	11	6.2	133,147	422,217	
1100 POTATOES	19	9.4	226,040	611,041	
1200 VEGETABLES	2	0.2	694	21,057	
1300 CEREALS	2	0.4	8,562	13,708	
1700 WHEAT	1	0.1	2,041	2,210	
1800 OTHER SMALL GRAINS	1	0.3	509	630	
2000 FORAGE CROPS	4	1.0	20,227	51,591	
2500 OTHER UTILIZED CROPS	1	0.3	0	15,651	
2600 POULTRY	9	3.1	65,208	196,184	
3100 DAIRY CATTLE	12	5.1	129,717	520,649	
3300 SHEEP AND WOOL	1	0.6	20,214	100,511	
3400 OTHER ANIMALS	1	0.1	2,795	9,192	
3800 PIGS	1	0.3	11,319	34,766	
3900 HOUSING & EQUIP	2	1.6	15,420	33,760	
4000 PEOPLE AS INDIVIDUAL	6	1.7	29,559	55,148	
4200 YOUTH & BUSINESS	1	0.1	2,170	2,749	
4300 SOC POLIT ORGANIZ	6	2.0	50,064	07,263	
4400 MARKETING SYSTEMS	1	0.1	6,927	9,934	
6300 DIG CELL SYSTEMS	1	0.4	7,894	44,209	
6500 INVERTEBRATES	1	0.6	0	34,465	
6600 MICROORGANISMS, VIRUS	2	0.9	22,264	38,019	
6700 PLANTS	3	0.5	11,122	16,141	
6800 ANIMALS (VERTEBRATES)	1	0.5	0	9,603	
7000 RESEARCH EQUIP & TECHNOL	3	3.5	7,905	33,125	
9900 UNCLASSIFIED	1	0.4	15,480	17,019	
TOTAL	155	63.1	1,256,967	4,115,623	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MASSACHUSETTS AND

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER FED AGRIC CSPS ACRSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	US
0100 SOIL AND LAND	7	2.4	110,933	137,579	
0200 WATER	4	1.0	15,420	18,438	
0300 WATERBODIES RIVER BAS	2	0.1	12,199	26,076	
0500 RECREATION RESOURCES	2	0.3	17,171	32,456	
0600 TIMBER FOREST PROTECT	17	4.2	180,274	403,213	
0800 WILDLIFE AND FISH	2	1.0	32,835	45,209	
1000 FRUIT NUTS DECIDUOUS	13	6.5	127,848	405,083	
1100 POTATOES	2	0.4	44,126	61,475	
1200 VEGETABLES	15	3.3	119,503	327,940	
1300 ORNAMENTALS TURF	6	0.9	31,466	52,653	
1400 CORN	7	1.2	26,914	99,498	
2000 FORAGE CROPS	6	1.3	37,607	111,501	
2810 MISC NEW CROPS	2	1.1	7,227	15,104	
2900 POULTRY	8	2.1	75,811	232,371	
3000 BEEF CATTLE	3	0.1	9,048	10,853	
3100 DAIRY CATTLE	6	3.6	53,446	112,663	
3300 SHEEP AND WOOL	1	0.0	1,758	4,361	
3400 OTHER ANIMALS	4	1.0	17,518	43,993	
3700 CLOTHING & TEXTILES	1	0.4	3,056	4,056	
3800 PIGS	3	4.1	240,807	371,198	
3900 HOUSING & EQUIP	1	0.4	27,715	48,200	
4000 PEOPLE AS INDIVIDUAL	6	2.4	69,328	123,636	
4300 SOC POLIT ORGANIZ	2	0.3	15,866	30,936	
4400 AGRIC ECONOMY JS	1	0.2	4,066	15,077	
6500 INVERTEBRATES	1	0.2	8,674	16,129	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PRO AGRIC/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA WITH SYS 1977	AMOUNT
0100 SOIL AND LAND	37	7.6	169,830	571,584	*	32
0200 WATER	14	2.5	35,751	173,311	*	10
0300 WATERSHEDS RIVER BAS	3	0.9	11,382	49,724	*	
0400 AIR AND CLIMATE	3	0.4	1,334	43,847	*	
0500 RECREATION RESOURCES	12	3.4	46,971	290,226	*	
0600 TIMBER FOREST PRODUCT	26	7.5	76,728	694,395	*	47
0800 WILDLIFE AND FISH	17	5.2	53,150	949,913	*	9
1000 FRUIT NUTS DECIDUOUS	45	16.7	192,661	1,120,013	*	
1100 POTATOES	9	1.9	26,146	169,748	*	
1200 VEGETABLES	37	11.5	191,365	927,006	*	
1300 ORNAMENTALS TURF	14	5.5	41,963	147,551	*	
1400 CORN	19	4.4	47,241	395,922	*	5
1500 GRAIN SORGHUM	1	0.3	0	0	*	
1700 WHEAT	13	4.1	6,356	286,593	*	
1800 OTHER SMALL GRAINS	11	1.9	33,163	139,886	*	1
1901 PASTURE	2	0.1	0	17,577	*	
2000 FORAGE CROPS	15	3.5	23,762	187,174	*	10
2300 SOYBEANS	12	1.9	16,944	113,467	*	
2600 TOBACCO	1	0.1	0	4,804	*	
2700 SUGAR CROPS	4	0.3	10,817	61,515	*	1
2800 MISC NEW CROPS	2	0.2	1,671	12,107	*	
2900 POULTRY	24	5.7	133,493	498,544	*	
3000 BEEF CATTLE	21	2.1	67,746	853,522	*	25
3100 DAIRY CATTLE	36	15.8	170,585	981,003	*	22
3200 SWINE	19	5.5	104,166	645,958	*	40
3300 SHEEP AND WOOL	7	0.6	11,256	81,524	*	7
3400 OTHER ANIMALS	12	3.5	15,911	169,061	*	
3500 BEES AND HONEY	1	0.2	0	28,206	*	
3600 FARM SUPPL & FACILITIES	6	0.6	6,755	116,746	*	15
3700 CLOTHING & TEXTILES	1	0.2	5,064	10,815	*	
3800 POOL	24	5.7	135,473	575,212	*	124
3900 HOUSING & EQUIP	19	2.1	7,493	156,250	*	7
4000 PEOPLE AS INDIVIDUAL	19	4.6	71,629	275,212	*	37
4100 FAMILY MEMBERS	13	1.4	35,454	198,749	*	
4200 FARM AS BUSINESS	5	1.3	14,703	65,037	*	
4300 SOC POLIT ORGANIZ	16	3.0	10,914	283,201	*	10
4400 AGRIC ECONOMY US	7	2.3	16,603	157,939	*	23
4500 AGRIC ECONOMY FOREIGN	4	0.9	10,023	627,070	*	452
4600 FARM COOPERATIVES	2	0.3	28,210	14,119	*	2
4700 OTHER MARKET PROCESS	1	0.1	4,005	10,694	*	2
4800 MARKETING SYSTEMS	3	0.0	9,192	44,026	*	4
6100 BIO CELL SYSTEMS	5	2.1	24,404	208,077	*	
6400 EXP DESIGN/STAY METH	5	2.1	73,797	139,288	*	
6500 INVENTORIES	6	2.2	15,919	203,799	*	
6600 MICROORGANISMS, VIRUS	10	3.0	29,693	239,894	*	
6700 PLANTS	24	11.9	16,616	1,211,969	*	129
6800 ANIMALS (VERTEBRATES)	21	7.1	115,391	767,542	*	
6900 RESEARCH ON RACON FGM	1	0.2	4,053	9,387	*	
7000 RACON EQUIP & TECHNOL	10	1.6	25,304	236,192	*	24
9900 UNCLASSIFIED	2	0.0	569,063	779,173	*	
TOTAL	617	160.1	2,716,001	16,223,043	*	1,062

TABLE II-B SUMMARY OF SCI-YEARS AND PROJES FOR 1977 BY COMMODITY - AGRICULTURE

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CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG PRO AGRIC/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA WITH SYS 1977	AMOUNT
0100 SOIL AND LAND	21	10.4	167,378	1,096,611	*	10
0200 WATER	6	1.6	19,616	127,146	*	
0300 WATERSHEDS RIVER BAS	1	0.4	11,314	41,212	*	
0400 AIR AND CLIMATE	4	1.7	35,675	173,229	*	
0500 RECREATION RESOURCES	5	2.0	40,596	105,917	*	
0600 TIMBER FOREST PRODUCT	26	16.5	246,725	1,121,221	*	22
0700 RANGE	2	0.1	4,524	28,187	*	
0800 WILDLIFE AND FISH	10	4.8	57,186	379,792	*	1
1000 FRUIT NUTS DECIDUOUS	2	1.3	10,650	525,982	*	
1100 POTATOES	11	6.5	59,292	467,516	*	
1200 VEGETABLES	16	9.6	46,945	345,381	*	13
1300 ORNAMENTALS TURF	11	6.4	49,532	829,109	*	
1400 CORN	25	9.1	161,091	973,475	*	6
1600 RICE	6	2.9	6,194	329,059	*	
1700 WHEAT	10	1.5	36,984	121,267	*	
1800 OTHER SMALL GRAINS	11	5.3	82,166	531,400	*	
2000 FORAGE CROPS	15	6.9	98,615	569,036	*	
2300 SOYBEANS	21	7.2	10,938	693,587	*	24
2500 OTHER OILSEED CROPS	1	0.5	0	35,668	*	
2800 MISC NEW CROPS	3	3.2	0,347	237,362	*	7
2900 POULTRY	16	6.5	206,420	820,050	*	12
3000 BEEF CATTLE	10	4.1	73,123	1,077,471	*	61
3100 DAIRY CATTLE	29	10.5	250,970	2,067,639	*	55
3200 SWINE	15	6.8	183,909	1,120,387	*	7
3300 SHEEP AND WOOL	6	2.7	40,318	615,696	*	
3400 OTHER ANIMALS	7	0.7	39,153	103,701	*	

CLASSIFICATION CATEGORY	NO OF PROC	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CT SYS 1977
0100 SOIL AND LAND	12	4.2	64,870	419,086	*
0200 WATER	7	1.7	26,040	22,202	*
0300 WATERSHEDS RIVER BAS	1	0.3	0	117	*
0400 AIR AND CLIMATE	5	0.9	0	11,353	*
0500 RECREATION RESOURCES	43	22.4	231,727	1,679,173	*
0600 TIMBER FOREST PRODUCT	1	0.1	3,469	5,442	*
0700 WILDLIFE AND FISH	22	5.6	99,367	453,939	*
0800 FRUIT NUTS DECIDUOUS	11	6.4	46,714	441,773	*
1000 POTATOES	1	0.2	5,020	18,434	*
1100 VEGETABLES	29	16.7	177,636	603,551	*
1200 VEGETABLES TUBER	6	6.1	133,760	347,397	*
1400 CORN	15	1.4	26,951	166,601	*
1500 GRAIN SORGHUM	4	0.4	9,714	53,711	*
1600 RICE	4	1.1	25,145	112,703	*
1700 WHEAT	4	1.1	21,111	41,046	*
1800 OTHER SMALL GRAINS	5	0.6	11,152	42,116	*
1900 PASTURE	3	1.6	3,669	63,496	*
2000 FORAGE CROPS	15	6.3	111,023	577,714	*
2100 COTTON	41	21.0	272,977	1,652,488	*
2300 SOYBEANS	42	3.9	157,692	958,642	*
2400 PEANUTS	2	6.1	1,012	12,192	*
2500 OTHER OILSEED CROPS	1	0.0	1,063	1,066	*
2600 TOBACCO	1	0.1	13,143	52,214	*
2700 SUGAR CROPS	1	0.0	0	17,797	*
2900 POULTRY	22	5.3	229,861	590,720	*
3000 BEEF CATTLE	13	10.4	277,700	1,432,810	*
3100 DAIRY CATTLE	15	10.3	170,540	1,030,433	*
3200 SWINE	9	1.9	102,944	513,365	*
3300 SHEEP AND WOOL	1	0.4	0	62,619	*
3400 OTHER ANIMALS	4	6.3	11,550	87,015	*
3600 YARN SPIN & FACILITIES	1	0.5	0	30,234	*
3900 HOUSING & EQUIP	1	0.1	1,077	17,355	*
4000 PEOPLE AS INDIVIDUAL	11	7.5	116,631	333,771	*
4100 FAMILY MEMBERS	1	0.1	74	4,551	*
4200 FARM AS BUSINESS	3	0.9	21,417	84,409	*
4300 SOC POLIT ORGANIZ	5	0.8	3,720	90,419	*
4600 FARM COOPERATIVES	1	0.5	10,547	15,166	*
4700 OTHER MARKET PROCESSES	2	0.2	17,150	25,264	*
4800 MARKETING SYSTEMS	1	0.1	5,280	24,417	*
6200 SERO RESEARCH	2	0.6	36,152	67,148	*
6300 BIO CELL SYSTEMS	2	0.2	4,983	27,069	*
6500 INVERTEBRATES	4	0.2	0	47,535	*
6600 MICROORGANISMS, VIRUS	1	0.0	0	1,217	*
6700 PLANTS	5	1.5	26,772	716,750	*
6800 ANIMALS (VERTEBRATES)	3	0.5	13,624	30,624	*
9900 UNCLASSIFIED	2	5.0	38,242	30,082	*
TOTAL	186	147.9	2,608,247	13,094,779	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MISSOURI COLUMBIA

CLASSIFICATION CATEGORY	NO OF PROC	SCIENTIST YEARS 1977	REG FED APPE/ CSRS ADMSTPD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/CT SYS 1977
0100 SOIL AND LAND	16	4.3	95,136	418,024	*
0200 WATER	6	6.9	22,826	98,523	*
0300 WATERSHEDS RIVER BAS	2	2.1	24,115	181,190	*
0400 AIR AND CLIMATE	5	3.3	77,904	382,076	*
0500 RECREATION RESOURCES	1	0.3	5,698	26,099	*
0600 TIMBER FOREST PRODUCT	12	8.1	143,025	567,581	*
0700 WILDLIFE AND FISH	3	1.4	16,684	267,160	*
0800 CITRUS SUB TROP FRUIT	1	0.3	2,047	23,454	*
1000 FRUIT NUTS DECIDUOUS	10	4.1	69,324	372,885	*
1100 POTATOES	1	0.0	2,904	4,665	*
1200 VEGETABLES	7	2.1	81,010	185,396	*
1300 VEGETABLES TUBER	4	1.4	34,012	150,617	*
1400 CORN	23	6.4	160,159	1,016,893	*
1500 GRAIN SORGHUM	7	1.8	41,685	167,770	*
1700 WHEAT	10	2.9	72,221	404,351	*
1800 OTHER SMALL GRAINS	5	0.7	11,218	71,819	*
1900 PASTURE	6	1.2	26,380	194,657	*
2000 FORAGE CROPS	21	5.7	93,984	465,169	*
2100 COTTON	4	1.5	47,831	294,436	*
2300 SOYBEANS	24	6.4	103,385	630,961	*
2500 OTHER OILSEED CROPS	1	0.3	5,920	25,239	*
2600 TOBACCO	1	0.1	551	5,293	*
2700 SUGAR CROPS	3	0.4	1,377	13,233	*
2800 MISC NEW CROPS	1	1.1	14,614	77,991	*
2900 POULTRY	13	5.3	172,735	530,079	*
3000 BEEF CATTLE	23	8.3	217,225	710,332	*
3100 DAIRY CATTLE	17	8.7	274,372	950,464	*
3200 SWINE	16	5.5	188,196	661,936	*

CLASSIFICATION CATEGORY	NO OF FPOJ	SCIENTIST YEARS 1977	FED FED ACFT/ USRS ADMSTRG (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA SYS 1977	WITH SABS AMOUNT 1977
00 SOIL AND LAND	16	10.0	51,397	1,159,713	*	21,364
00 WATER	11	3.5	39,634	275,441	*	300
00 AIR AND CLIMATE	2	0.5	1,398	20,418	*	0
00 RECREATION RESOURCES	2	1.4	5,203	21,397	*	0
00 TIMBER FOREST PRODUCT	1	0.2	0	5,827	*	0
00 RANGE	14	1.1	45,007	269,601	*	0
00 WILDLIFE AND FISH	3	0.0	16,603	32,176	*	0
00 FRUIT AND DECIDUOUS	2	3.0	3	21,058	*	0
00 POTATOES	3	0.7	3,968	52,066	*	0
00 VEGETABLES	3	0.4	7,111	25,666	*	0
00 ORNAMENTALS TURF	2	1.1	25,108	72,494	*	0
00 CORN	5	0.4	3,968	48,663	*	0
00 GRAIN SORGHUM	1	0.1	0	7,547	*	0
00 WHEAT	32	8.7	143,551	641,303	*	33,575
00 OTHER SMALL GRAINS	13	6.7	121,674	472,568	*	0,394
00 PASTURE	4	0.3	411	32,051	*	0
00 FORAGE CROPS	28	7.5	49,222	598,223	*	29,364
00 OTHER OILSEED CROPS	3	1.0	22,099	39,215	*	0
00 SUNFLOWERS	7	1.0	1,948	118,555	*	0
00 TOWLETS	2	1.7	80,445	69,559	*	0
00 BEEF CATTLE	31	5.5	133,713	2,051,085	*	119,324
00 DAIRY CATTLE	4	1.3	50,812	101,917	*	1,216
00 SWINE	6	1.5	15,421	330,604	*	1,236
00 SHEEP AND WOOL	0	2.5	61,570	222,396	*	1,236
00 OTHER ANIMALS	2	0.2	7,519	25,796	*	0
00 FARM SUPP & FACILITIES	2	0.4	8,641	9,967	*	0
00 HOUSING & EQUIP	2	0.2	0	11,320	*	0
00 PEOPLE AS INDIVIDUAL	0	1.4	29,039	81,617	*	0
00 FAMILY MEMBERS	1	0.2	0	12,088	*	0
00 FARM AS BUSINESS	3	0.2	5,470	17,161	*	0
00 SOC POLIT ORGANIZ	5	3.9	1,309	73,495	*	0
00 AGRIC ECONOMY H S	1	0.5	7,758	21,268	*	0
00 OTM MARKET PROCESS	1	3.2	5,470	5,615	*	0
00 WEETS	1	3.1	933	2,448	*	0
00 BIO CELL SYSTEMS	1	0.1	1,365	4,937	*	0
00 INVERTEBRATES	2	0.3	913	15,030	*	0
00 PLANTS	7	1.1	23,155	55,427	*	0
00 ANIMALS (VERTEBRATES)	1	0.3	0	4,196	*	0
00 AGRIC EQUIP & TECHNOL	2	0.0	1,705	62,074	*	0
TOTAL	265	61.3	1,340,625	7,446,236	*	216,628

CLASSIFICATION CATEGORY	NO OF FPOJ	SCIENTIST YEARS 1977	FED FED ACFT/ USRS ADMSTRG (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/CA SYS 1977	WITH SABS AMOUNT 1977
00 SOIL AND LAND	21	10.0	127,174	700,543	*	115,343
00 WATER	11	3.5	63,560	739,454	*	0
00 AIR AND CLIMATE	2	0.5	351	4,562	*	0
00 RECREATION RESOURCES	3	0.3	4,622	10,812	*	0
00 TIMBER FOREST PRODUCT	2	0.1	725	1,545	*	0
00 RANGE	4	1.0	32,748	72,647	*	0
00 WILDLIFE AND FISH	0	2.0	19,242	156,640	*	1,719
00 POTATOES	2	0.2	1,915	17,470	*	0
00 VEGETABLES	9	1.2	29,070	159,164	*	1,601
00 ORNAMENTALS TURF	10	0.0	17,612	300,774	*	25,336
00 CORN	6	2.9	19,347	174,406	*	0
00 GRAIN SORGHUM	50	12.3	179,682	1,157,156	*	8,253
00 WHEAT	31	8.7	122,563	715,418	*	9,206
00 OTHER SMALL GRAINS	25	7.2	109,696	484,227	*	3,864
00 PASTURE	5	1.0	9,287	108,618	*	0
00 FORAGE CROPS	9	1.0	9,720	109,546	*	1,719
00 SOYBEANS	11	4.9	120,884	542,247	*	40,056
00 SUGAR CROPS	23	5.6	76,025	518,749	*	34,205
00 MISC NEW CROPS	8	0.7	6,260	56,401	*	0
00 TOWLETS	1	1.1	1,598	12,056	*	0
00 DAIRY CATTLE	39	14.3	132,742	4,802,999	*	736,322
00 DAIRY CATTLE	15	4.2	76,851	813,271	*	0
00 SWINE	27	13.1	173,435	2,703,872	*	264,858
00 SHEEP AND WOOL	8	1.0	7,007	277,836	*	44,720
00 OTHER ANIMALS	1	0.3	0	42,330	*	0
00 FARM SUPP & FACILITIES	3	2.2	7,632	200,432	*	0
00 CLOTHING & TEXTILES	2	3.6	8,162	38,334	*	0
00 FOOD	7	2.0	56,061	231,519	*	0
00 HOUSING & EQUIP	2	0.3	1,884	8,857	*	0
00 PEOPLE AS INDIVIDUAL	12	5.7	65,908	321,609	*	0

TABLE II-A SUMMARY OF SCI-CRAPS AND FUNDS FOR 1977 BY COMMODITY - NEVADA					NEBGO
CLASSIFICATION CATEGORY	NO OF FEDS	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED {GROSS} 1977	TOTAL FUNDS {GROSS} 1977	USDA COM/UT/CA SYS 1977
0100 SOIL AND LAND	12	1.5	92,621	67,343	*
0200 WATER	1	0.9	16,458	131,817	*
0300 WATERSHEDS RIVER BAS	6	1.0	12,523	137,144	*
0400 AIR AND CLIMATE	1	0.1	9,212	13,131	*
0500 RECREATION RESOURCES	1	1.1	30,359	64,511	*
0600 TIMBER FOREST PLANTING	6	1.2	10,269	71,641	*
0700 WILDLIFE	11	1.2	12,391	124,136	*
0800 WILDLIFE AND FISH	5	1.1	17,875	121,544	*
0900 VEGETABLES	3	0.6	1,535	38,129	*
1000 ORNAMENTALS TURF	2	0.9	18,031	44,431	*
1100 WHEAT	2	0.4	1,554	29,534	*
1200 OTHER SMALL GRAINS	2	0.4	1,554	29,534	*
1300 PASTURE	1	0.3	0	24,280	*
1400 FORAGE CROPS	14	0.7	104,464	427,721	*
1500 SOYBEAN CROPS	1	0.0	180	1,644	*
1600 DEER CATTLE	19	0.4	291,748	930,938	*
1700 DAIRY CATTLE	7	2.0	51,236	276,173	*
1800 PIGS AND GOATS	5	0.5	15,345	50,122	*
1900 OTHER ANIMALS	5	0.4	22,227	39,775	*
2000 BEES AND HONEY	1	0.2	13,302	19,093	*
2100 CLOTHING & TEXTILES	1	0.2	1,799	1,344	*
2200 FLOC	4	1.0	17,417	9,494	*
2300 PEOPLE AS INDIVIDUAL	2	0.3	5,170	29,349	*
2400 FAMILY MEMBERS	3	0.8	21,170	66,135	*
2500 SCI POLIT OFICERS	1	1.1	46,374	12,610	*
2600 MICROORGANISMS, VIRUS	1	0.6	13,694	14,299	*
2700 PLANTS	3	1.7	21,826	35,679	*
2800 ANIMALS (VERTEBRATES)	2	0.3	7,011	15,715	*
2900 TECH EQUIP & TECHNOL	2	0.6	1,100	20,467	*
9900 UNCLASSIFIED	1	0.6	3		*
TOTAL	192	34.7	721,627	2,905,332	*

TABLE II-B SUMMARY OF SCI-CRAPS AND FUNDS FOR 1977 BY COMMODITY - NEW HAMPSHIRE					NEBGO
CLASSIFICATION CATEGORY	NO OF FEDS	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED {GROSS} 1977	TOTAL FUNDS {GROSS} 1977	USDA COM/UT/CA SYS 1977
0100 SOIL AND LAND	7	2.2	35,916	91,647	*
0200 WATER	3	1.0	41,273	41,654	*
0300 WATERSHEDS RIVER BAS	3	0.5	13,208	15,719	*
0400 AIR AND CLIMATE	1	0.2	0	16,756	*
0500 RECREATION RESOURCES	2	0.4	6,307	6,445	*
0600 TIMBER FOREST PRODUCE	17	1.9	221,014	331,696	*
0800 WILDLIFE AND FISH	5	0.7	23,040	46,904	*
0900 FRUIT NUTS DECIDUOUS	4	0.7	35,277	42,329	*
1100 POTATOES	1	0.0	1,751	1,751	*
1200 VEGETABLES	7	2.0	79,907	127,490	*
1300 ORNAMENTALS TURF	2	0.4	22,191	32,342	*
1400 CORN	2	1.0	41,895	74,245	*
2000 FORAGE CROPS	4	1.2	32,976	106,972	*
2300 SOYBEANS	1	0.3	4,115	7,471	*
2900 POULTRY	4	3.3	183,350	307,836	*
3000 DEER CATTLE	1	0.3	1,751	1,751	*
3100 DAIRY CATTLE	6	2.7	111,155	251,905	*
3200 SWINE	1	0.0	1,751	1,751	*
3400 OTHER ANIMALS	3	1.7	49,752	95,289	*
3800 PCCO	1	0.0	1,340	2,255	*
3900 HOUSING & EQUIP	4	0.5	13,911	15,945	*
4000 PEOPLE AS INDIVIDUAL	1	0.1	1,273	2,810	*
9900 UNCLASSIFIED	1	0.6	3		*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YR/ANO 1977	REG FPD APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH S SYS 1977	WITH S AMO
0100 SOIL AND LAND	20	16.2	90,573	721,474	*	
0200 WATER	15	5.6	30,598	475,931	*	
0300 WATER/SHEDS RIVER HAS	1	0.2	0	2,660	*	
0400 AIR AND CLIMATE	6	1.1	21,906	156,911	*	14,1
0500 RECREATION RESOURCES	3	1.9	44,467	14,241	*	1,1
0600 TIMBER FOREST PRODUCE	10	3.5	71,566	201,013	*	
0700 RANGE	1	0.1	638	5,667	*	
0800 WILDLIFE AND FISH	8	1.6	4,571	23,162	*	
0900 CITRUS AND TROP FRUIT	1	0.1	4,395	10,162	*	
1000 FRUIT AND DECIDUOUS	17	10.6	196,342	616,706	*	39,1
1100 POTATOES	6	1.0	41,617	121,755	*	
1200 VEGETABLES	30	10.4	125,933	716,696	*	25,1
1300 ORNAMENTALS TURF	14	6.1	123,216	554,371	*	
1400 CORN	6	0.3	168	24,161	*	
1500 WHEAT	2	0.6	19,166	19,712	*	
1600 OTHER SMALL GRAINS	4	0.1	1,565	18,963	*	
1900 PASTURE	1	0.0	1,119	6,375	*	2,1
2000 FORAGE CROPS	9	2.5	44,290	271,683	*	2,1
2200 COTTONSEED	1	0.1	0	4,259	*	
2300 SOYBEANS	7	0.4	0	52,964	*	
2400 PEANUTS	2	0.2	370	42,127	*	
2500 OTHER OILSEED CROPS	1	0.1	0	31,172	*	
2600 MISC NEW CROPS	1	0.3	11,566	21,567	*	
2900 POULTRY	13	4.5	64,159	423,011	*	
3000 DEEP CATTLE	2	0.5	0	64,100	*	
3100 DAIRY CATTLE	10	1.1	21,643	244,647	*	
3200 SWINE	4	0.7	4,677	94,667	*	
3400 OTHER ANIMALS	11	1.7	16,227	266,439	*	
3600 FARM SUPP & FACILITIES	1	0.4	5,235	11,572	*	
3800 FOOD	18	6.6	110,761	657,133	*	
3900 HOUSING & EQUIP	8	1.7	14,744	120,420	*	11,1
4000 PEOPLE AS INDIVIDUAL	12	5.5	31,093	402,443	*	11,1
4200 FARM AS BUSINESS	2	0.1	2,407	20,121	*	
4300 SOC POLIT ORGANIZ	9	3.5	72,341	262,233	*	
4400 AGRIC ECONOMY U.S	1	0.7	6,936	76,161	*	
6100 NEEDS	2	0.2	14,551	48,130	*	
6300 INFO COMM SYSTEMS	3	0.3	4,592	42,606	*	
6500 INVENTORIES	6	1.1	57,414	184,260	*	
6600 MICROORGANISMS, VIRUS	10	2.2	26,964	219,722	*	
6700 PLANTS	14	12.6	215,317	474,677	*	102,1
6800 ANIMALS (VERTEBRATES)	1	0.5	9,420	65,174	*	
7000 RECH EQUIP & TECHNOL	3	1.3	0	117,723	*	
9900 UNCLASSIFIED	1	2.3	0	271,749	*	
TOTAL	324	100.2	1,549,371	8,550,401	*	215,1

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YR/ANO 1977	REG FPD APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH S SYS 1977	WITH S AMO
0100 SOIL AND LAND	11	3.7	85,481	140,113	*	
0200 WATER	6	1.3	30,011	117,534	*	
0400 AIR AND CLIMATE	3	0.5	11,216	15,257	*	
0500 RECREATION RESOURCES	3	0.4	26,124	26,444	*	
0600 TIMBER FOREST PRODUCT	6	3.7	79,018	140,663	*	
0700 RANGE	15	6.6	46,987	256,472	*	
0800 WILDLIFE AND FISH	5	0.7	5,722	42,115	*	
0900 CITRUS AND TROP FRUIT	1	0.1	1,340	106,907	*	
1100 POTATOES	2	0.2	0	3,102	*	
1200 VEGETABLES	21	7.4	71,775	392,534	*	
1300 ORNAMENTALS TURF	4	0.2	3,449	21,329	*	
1400 CORN	9	0.9	1,131	70,435	*	
1500 GRAIN SORGHUM	11	2.0	3,444	47,877	*	
1700 WHEAT	10	0.6	3,446	45,040	*	
1800 OTHER SMALL GRAINS	8	1.0	0	54,507	*	
1900 PASTURE	2	0.1	0	7,174	*	
2000 FORAGE CROPS	24	13.6	60,419	444,387	*	24,1
2100 COTTON	17	5.4	130,201	491,297	*	41,1
2300 SOYBEANS	2	0.1	0	3,677	*	
2400 PEANUTS	2	0.5	0	20,889	*	
2500 OTHER OILSEED CROPS	2	0.1	0	6,713	*	
2700 SUGAR CROPS	3	0.1	0	8,854	*	
2800 MISC NEW CROPS	3	1.3	0	25,381	*	
2900 POULTRY	4	0.1	9,802	61,391	*	
3000 DEEP CATTLE	17	10.0	180,553	540,586	*	
3100 DAIRY CATTLE	5	0.2	36,777	63,276	*	
3300 SHEEP AND WOOL	7	1.1	18,326	64,930	*	
3400 OTHER ANIMALS	3	0.3	11,488	25,820	*	
3600 FARM SUPP & FACILITIES	1	0.1	2,073	2,700	*	
3800 FOOD	1	0.0	0	32,041	*	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COUNTRY - NEW MEXICO

UNIV PARK

3400	AIR AND CLIMATE	5	12,759	85,315	*
3500	RECREATION RESOURCES	5	12,759	106,215	*
0600	TIMBER FOREST PRODCCT	16	3,222	270,900	*
0600	WILDLIFE AND FISH	22	74.1	1,110,890	*
1000	FRUIT AND DECIDUOUS	21	74.4	522,527	*
1100	POTATOES	21	6.6	715,436	*
1200	VEGETABLES	47	11.2	1,047,312	*
1300	ORNAMENTALS TURF	19	5.1	343,714	*
1400	CORN	22	5.2	564,655	*
1600	RICE	1	0.0	3,325	*
1700	WHEAT	8	0.6	111,273	*
1800	OTHER SMALL GRAINS	7	3.7	133,149	*
1900	PASTURE	1	5.0	5,935	*
2000	FORAGE CROPS	24	4.2	672,444	*
2100	SOYBEANS	1	1.1	81,548	*
2500	OTHER OILSEED CROPS	1	9.1	4,767	*
2700	SUGAR CROPS	1	9.3	5,626	*
2900	POULTRY	46	12.7	1,356,559	*
3000	DEER CATTLE	27	5.0	379,510	*
3100	DAIRY CATTLE	92	26.6	2,502,947	*
3200	PORCINE	17	4.2	133,028	*
3300	SHEEP AND GOAT	20	4.0	226,886	*
3400	OTHER ANIMALS	50	15.8	1,624,009	*
3500	BEES AND HONEY	2	1.3	54,164	*
3600	FARM EQUIP & FACILITIES	1	3.4	38,345	*
3700	CLOTHING & TEXTILES	2	3.5	38,409	*
3800	FOOD	14	7.4	760,770	*
3900	HOUSING & EQUIP	11	6.3	385,642	*
4000	PEOPLE AS INDIVIDUAL	52	18.1	1,577,393	*
4100	FAMILY MEMBERS	0	2.1	469,691	*
4200	FARM AS BUSINESS	7	2.6	1,069,691	*
4300	SOC ECONOMIC ORGANIZ	17	10.0	816,567	*
4400	AGRIC ECONOMIC & S	1	0.3	15,844	*
4500	AGRIC ECONOMIC & S	1	0.6	63,066	*
4600	OTH MARKET PROCPSS	5	1.9	91,507	*
4800	MARKETING SYSTEMS	1	0.6	28,720	*
4900	WEEDS	15	0.2	5,613	*
4900	BIO CELL SYSTEMS	15	5.7	567,157	*
4900	RIP DESIGN/STAT METH	5	2.4	145,613	*
6500	INVERTEBRATES	14	8.6	824,989	*
6600	MICROORGANISMS, VIRUS	25	8.2	745,493	*
6700	PLANTS	24	9.6	558,490	*
6800	ANIMALS (VERTEBRATES)	17	10.1	527,080	*
7000	RSCH EQUIP & TECHNOL	2	0.1	56,782	*
TOTAL		794	244.5	21,236,211	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NEW YORK GENEVA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ACMBTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GO SYS 1977
0100 SOIL AND LAND	1	0.2	9,256	18,306	*
0200 WATER	1	0.1	696	3,244	*
0400 AIR AND CLIMATE	1	0.4	6,579	31,179	*
0600 TIMBER FOREST PRODCUT	1	0.1	0	5,248	*
0800 WILDLIFE AND FISH	1	0.5	0	46,208	*
1000 FRUIT AND DECIDUOUS	94	37.9	243,632	2,285,492	*
1100 POTATOES	2	0.4	0	14,791	*
1200 VEGETABLES	65	21.7	178,342	1,251,145	*
1300 ORNAMENTALS TURF	5	1.1	17,483	83,478	*
1700 WHEAT	1	0.9	0	1,195	*
1800 OTHER SMALL GRAINS	2	0.1	550	0,466	*
2000 FORAGE CROPS	8	0.3	21,995	37,121	*
2100 SOYBEANS	2	0.1	550	6,466	*
2800 MISC NEW CROPS	2	0.5	0	28,352	*
3500 FOOD	4	1.7	3,556	62,016	*
4200 SEED RESEARCH	9	3.0	8,884	174,460	*
6300 BIO CELL SYSTEMS	1	0.2	0	20,440	*
6500 INVERTEBRATES	1	0.6	0	81,567	*
6700 PLANTS	1	0.2	0	7,006	*
6800 ANIMALS (VERTEBRATES)	1	0.1	0	3,033	*
9900 UNCLASSIFIED	1	0.0	0	59,390	*
TOTAL	200	69.2	391,021	4,227,373	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APU/CSRS ADJUSTED (GROSS) 1977	TOTAL PRDUSE (GROSS) 1977	USDA CON/GR/CA SYS 1977	WITH SAI AMOUNT 1977
0100 SOIL AND LAND	31	7.2	116,826	541,030	*	6,551
0200 WATER	16	3.6	65,665	936,113	*	14,221
0300 WATERSHEDS RIVER BAS	3	0.9	22,194	42,201	*	
0400 AIR AND CLIMATE	2	3.2	3,222	8,596	*	75
0500 RECREATION RESOURCES	5	0.6	10,293	43,461	*	
0600 TIMBER FOREST PRODUCT	95	16.2	359,666	1,359,112	*	25,400
0700 WILDLIFE AND FISH	22	3.6	38,377	322,671	*	
1000 FRUIT NUTS DECIDUOUS	55	15.5	276,660	1,003,515	*	11,000
1100 POTATOES	9	1.5	13,460	176,792	*	5,400
1200 VEGETABLES	56	17.6	163,573	1,949,688	*	34,300
1300 ORNAMENTALS TURF	21	5.7	113,939	652,257	*	2,500
1400 CORN	41	6.7	65,556	787,147	*	3,100
1500 GRAIN SORGHUM	3	3.2	615	23,727	*	
1700 WHEAT	7	1.1	20,110	95,517	*	1,100
1800 OTHER SMALL GRAINS	4	0.9	16,981	59,134	*	500
1900 PASTURE	3	0.0	2,619	41,243	*	
2000 FORAGE CROPS	23	2.5	41,170	496,729	*	2,300
2100 COTTON	26	3.7	54,758	517,356	*	33,100
2300 SOYBEANS	55	10.4	198,180	938,762	*	115,500
2400 PEANUTS	28	7.1	137,399	615,466	*	34,800
2500 OTHER OILSEED CROPS	1	0.1	1,167	4,149	*	
2600 TOBACCO	61	23.4	261,336	3,047,419	*	51,300
2800 MISC NEW CROPS	1	0.2	4,855	21,352	*	
2900 POULTRY	47	13.5	303,777	1,749,304	*	1,900
3000 BEEF CATTLE	17	5.5	218,549	951,232	*	2,300
3100 DAIRY CATTLE	41	11.1	383,753	1,342,040	*	4,100
3200 SWINE	29	6.7	209,484	1,170,494	*	
3300 SHEEP AND WOOL	9	0.7	10,111	134,755	*	
3400 OTHER ANIMALS	10	3.9	23,731	91,095	*	
3500 BEES AND HONEY	1	0.3	3	25,265	*	
3700 FIBERING & TEXTILES	2	2.0	0	11,619	*	
3800 FOOD	8	2.3	74,635	162,149	*	
3900 HOUSING & EQUIP	3	3.2	11,067	27,574	*	
4000 PEOPLE AS INDIVIDUAL	19	2.9	70,505	279,769	*	3,100
4100 FAMILY MEMBERS	7	2.4	45,975	111,522	*	
4200 FARM AS BUSINESS	3	0.5	2,693	31,841	*	
4300 SOC POLIT ORGANIZ	17	2.4	126,562	221,094	*	1,300
4400 AGRIC ECONOMY U S	1	0.1	3,556	12,617	*	
4700 OTH MARKET PROCESS	2	0.0	227	6,135	*	
4900 MARKETING SYSTEMS	1	0.2	3,776	10,550	*	
6100 WEEDS	5	0.7	49,292	111,217	*	500
6300 MIC CELL SYSTEMS	12	2.2	42,423	275,935	*	
6400 EXP DESIGN/STAT METH	2	0.2	2,483	43,592	*	2,100
6500 INVERTEBRATES	19	4.9	32,637	380,256	*	1,700
6600 MICROORGANISMS, VIRUS	12	2.1	45,417	171,090	*	
6700 PLANTS	31	7.2	129,141	1,225,502	*	58,500
6800 ANIMALS (VERTEBRATES)	14	6.0	54,388	760,981	*	
6900 RESEARCH ON BECH AGH	1	0.2	5,797	11,584	*	
7000 RECH EQUIP & TECHNOL	2	3.1	740	7,538	*	
TOTAL:	958	203.5	3,971,819	29,745,512	*	422,400

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APU/CSRS ADJUSTED (GROSS) 1977	TOTAL PRDUSE (GROSS) 1977	USDA CON/GR/CA SYS 1977	WITH SAI AMOUNT 1977
0100 SOIL AND LAND	42	13.6	96,496	914,765	*	36,300
0200 WATER	30	5.9	74,162	437,517	*	5,500
0300 WATERSHEDS RIVER BAS	3	0.5	0	62,133	*	
0400 AIR AND CLIMATE	4	0.4	16,561	92,629	*	22,000
0500 RECREATION RESOURCES	1	0.0	0	167	*	
0600 TIMBER FOREST PRODUCT	2	0.7	31,543	22,294	*	3,500
0700 PASTURE	12	3.5	23,915	275,117	*	17,000
1000 FRUIT NUTS DECIDUOUS	2	3.7	8,265	61,508	*	
1100 POTATOES	10	3.4	82,110	210,686	*	
1200 VEGETABLES	11	1.5	10,526	91,440	*	5,700
1300 ORNAMENTALS TURF	3	0.5	18,669	29,454	*	
1400 CORN	14	1.7	14,134	18,793	*	
1700 WHEAT	61	21.2	253,353	1,436,556	*	120,900
1800 OTHER SMALL GRAINS	45	9.1	76,775	556,127	*	
1900 PASTURE	3	0.3	1,187	17,517	*	
2000 FORAGE CROPS	21	3.4	22,370	230,480	*	
2300 SOYBEANS	7	0.0	5,002	44,242	*	
2500 OTHER OILSEED CROPS	27	3.6	49,201	274,695	*	17,500
2700 SUGAR CROPS	7	0.6	26,646	234,868	*	
2800 MISC NEW CROPS	8	0.4	2,379	10,096	*	
2900 POULTRY	7	0.0	15,167	71,195	*	
	2	2.7	25,122	634,012	*	4,200

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - NORTH DAKOTA FAFBO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER APPR GROSS 1977 (GROSS) 1977	TOTAL FUNDS (GROSS) 1977
0100 SOIL AND LAND	36	9.3	230,264	521,163
0200 WATER	16	2.7	74,643	414,611
0300 WATERWAYS RIVER BAS	3	6.5	0	110,455
0400 AIR AND CLIMATE	2	0.1	0	24,231
0500 RECREATION RESOURCES	4	6.3	23,663	88,893
0600 TIMBER FOREST PRODUCT	24	7.9	195,384	625,714
0700 WILDLIFE AND FISH	5	1.1	0	180,031
0800 FRUIT NUTS DECIDUOUS	23	4.3	184,154	673,703
1100 VEGETABLES	4	1.6	35,552	162,544
1200 VEGETABLES	31	8.1	246,878	680,655
1300 ORNAMENTALS TURF	21	8.1	133,619	417,337
1400 CORN	14	7.4	229,662	961,245
1700 WHEAT	13	1.7	66,251	295,879
1800 OTHER SMALL GRAINS	3	2.3	4,287	39,793
1900 PASTURE	3	3.5	25,677	168,721
2000 FORAGE CROPS	10	2.4	78,417	345,777
2300 SOYBEANS	41	9.7	272,151	1,099,811
2500 OTHER OILSEED CROPS	1	0.6	0	411
2600 ICEBEANS	1	0.8	0	56,142
2700 SUGAR CROPS	5	1.1	16,334	135,534
2800 MISC NEW CROPS	1	0.6	0	65
2900 POULTRY	16	4.1	183,195	800,402
3000 BEEF CATTLE	16	3.7	165,581	421,436
3100 DAIRY CATTLE	32	10.0	288,196	1,260,528
3200 SWINE	22	6.5	261,683	1,251,805
3300 SHEEP AND WOOL	9	3.0	75,257	411,851
3400 OTHER ANIMALS	3	0.4	5,126	34,134
3500 BEES AND HONEY	1	0.7	4,737	16,219
3600 FARM SUPP & FACILITIES	3	6.6	6,328	53,032
3700 CLOTHING & TEXTILES	1	2.3	7,587	27,417
3800 FOOD	10	1.2	54,798	131,333
3900 HOUSING & EQUIP	4	2.1	23,719	129,515
4000 PEOPLE AS INDIVIDUAL	13	2.2	62,608	168,444
4100 FAMILY MEMBERS	8	1.7	45,379	114,161
4200 FARM AS BUSINESS	3	0.4	12,178	31,193
4300 SOC POLIT ORGANIZ	9	2.2	69,425	204,198
4400 AGRIC ECONOMY U S	2	6.1	1,642	9,941
4600 FARM COOPERATIVES	1	0.3	10,175	21,339
4700 OTN MARKET TECHLESS	1	0.0	1,748	4,236
4800 MARKETING SYSTEMS	5	0.5	19,425	43,394
6100 MEDS	1	0.0	1,946	6,165
6500 INVERTEBRATES	5	1.2	35,556	99,775
6700 PLANTS	7	1.8	56,547	160,723
6800 ANIMALS (VERTEBRATES)	1	0.5	17,624	40,030
7000 RSCH EQUIP & TECHNOL	1	0.1	0	15,426
9900 UNCLASSIFIED	1	0.0	0	1,552,925
TOTAL	472	117.6	3,267,678	15,563,187

TABLE 12-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMUNITY - OKLAHOMA STILL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER APPR GROSS 1977 (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA
0100 SOIL AND LAND	7	1.6	15,120	205,450	
0200 WATER	9	3.2	24,706	324,137	
0300 WATERWAYS RIVER BAS	1	0.6	0	67,591	
0400 AIR AND CLIMATE	1	0.1	0	5,330	
0500 RECREATION RESOURCES	1	0.1	0	18,444	
0600 TIMBER FOREST PRODUCT	16	4.9	127,133	277,934	
0700 WILDLIFE	7	1.4	3,220	124,843	
0800 WILDLIFE AND FISH	3	0.4	6,194	93,704	
1000 FRUIT NUTS DECIDUOUS	7	2.5	41,567	115,543	
1200 VEGETABLES	3	0.9	0	72,036	
1300 ORNAMENTALS TURF	6	2.8	11,642	127,252	
1400 CORN	3	0.4	0	117,755	
1500 GRAIN SORGHUM	10	2.1	57,906	346,010	
1600 RICE	1	0.0	0	619	
1700 WHEAT	35	7.8	117,245	659,052	
1800 OTHER SMALL GRAINS	13	2.1	25,859	165,210	
1900 PASTURE	7	1.8	4,460	126,261	
2000 FORAGE CROPS	19	5.2	113,361	532,054	
2100 COTTON	15	4.6	68,043	412,937	
2300 SOYBEANS	7	0.4	7,175	65,763	
2400 PEANUTS	12	2.3	16,629	289,483	
2500 OTHER OILSEED CROPS	2	0.0	0	2,567	
2600 MISC NEW CROPS	4	0.6	0	19,001	
2900 POULTRY	3	0.8	55,573	114,150	
3000 BEEF CATTLE	41	15.4	396,776	1,848,122	
3100 DAIRY CATTLE	15	5.1	92,061	158,138	
3200 SWINE	10	2.7	114,725	520,059	
3300 SHEEP AND WOOL	6	1.5	30,507	140,702	
3400 OTHER ANIMALS	2	0.6	5,730	17,566	
3600 FARM SUPP & FACILITIES	6	2.1	47,213	94,096	
3800 FOOD	3	0.2	6,050	74,221	
3900 HOUSING & EQUIP	4	1.3	1,182	40,046	

CLASSIFICATION	OF	1975	1977	1977	1977	1977
PATENT	1960	1975	1977	1977	1977	1977
0100 SOIL AND LAND	20	6.1	21,616	668,164	*	
0200 WATER	2	2.0	10,172	150,573	*	
0300 AIR AND CLIMATE	2	1.5	0	150,551	*	
0400 RECREATION RESOURCES	1	0.6	25,144	73,428	*	
0500 TIMBER FOREST PRODUCT	11	1.5	23,605	265,443	*	
0600 FISH	11	1.5	13,635	219,261	*	
0700 WILDLIFE AND FISH	43	6.5	25,122	793,779	*	
0800 FELID ANTS DECIDUOUS	91	11.1	178,566	1,206,793	*	
0900 POTATOES	11	2.1	11,210	174,309	*	
1000 VEGETABLES	26	5.0	91,413	506,392	*	
1100 ORNAMENTALS TURF	15	4.0	13,075	102,479	*	
1200 CORN	6	0.6	767	53,335	*	
1300 WHEAT	21	5.4	34,633	439,556	*	
1400 OTHER SMALL GRAINS	11	1.0	4,098	212,728	*	
1500 PASTURE	1	1.6	3,067	91,651	*	
1600 FORAGE CROPS	31	6.1	46,153	514,662	*	
1700 TOBACCO	4	0.7	11,556	98,137	*	
1800 KILL NEW CROPS	6	0.4	10,352	171,355	*	
1900 POULTRY	11	2.7	154,255	475,713	*	
2000 BEEF CATTLE	25	8.4	154,167	1,047,156	*	
2100 DAIRY CATTLE	13	1.8	77,021	611,123	*	
2200 SWINE	9	1.6	20,662	250,113	*	
2300 SHEEP AND WOOL	16	1.2	51,345	366,504	*	
2400 OTHER ANIMALS	5	1.7	20,435	109,168	*	
2500 BEES AND HONEY	2	1.4	34,777	115,515	*	
2600 FARM SUPP & FACILITIES	1	0.1	2,274	1,994	*	
2700 CLOTHING & TEXTILES	1	0.1	4,897	5,091	*	
2800 FOOD	15	1.5	155,240	605,966	*	
2900 HOUSING & EQUIP	2	0.1	952	7,918	*	
3000 PEOPLE AS INDIVIDUAL	13	1.1	71,676	224,394	*	
3100 FAMILY MEMBERS	6	0.5	10,022	54,769	*	
3200 FIRM AS BUSINESS	2	0.5	0	21,642	*	
3300 LOCAL GOVT ORGANIZ	3	1.6	13,219	222,870	*	
3400 AGRICULTURE BUS	2	1.2	1,655	38,399	*	
3500 FARM COOPERATIVES	2	0.2	8,615	23,476	*	
3600 WILDS	1	1.2	21,825	161,240	*	
3700 SING OPERATIONS	2	2.5	18,104	47,112	*	
3800 BLDG CELL SYSTEMS	4	1.1	5,474	221,243	*	
3900 EXP RESEARCH/STAT METH	4	1.4	1,815	185,095	*	
4000 INVESTIGATIONS	4	2.5	49,215	112,475	*	
4100 MICROORGANISMS, VIRUS	6	2.0	40,772	202,676	*	
4200 PLANTS	15	3.9	38,694	691,976	*	
4300 ANIMALS (VERTEBRATES)	11	6.2	17,422	651,001	*	
4400 RESEARCH IN RESEARCH	1	1.1	965	2,042	*	
4500 RESEARCH EQUIP & TECHNOL	1	0.2	0	14,270	*	
TOTAL	674	114.4	1,547,403	13,320,212	*	

TABLE 12-10 SUMMARY OF 501-YEARS AND 1000S FOR 1977 BY COMMODITY - PENNSYLVANIA COLLEGE PARK

CLASSIFICATION	NO	SCIENTIST	PER FED APPR	TOTAL FUND	USDA COM/ST
CATEGORY	OF	YEARS	USDS ADJUSTED	(GROSS)	501
	1960	1977	(GROSS) 1977	(1977)	1977
0100 SOIL AND LAND	20	0.5	102,731	668,224	*
0200 WATER	2	1.5	15,139	31,650	*
0300 WATERSHEDS RIVER BAS	2	1.4	20,110	13,374	*
0400 RECREATION RESOURCES	4	0.1	21,749	49,221	*
0500 TIMBER FOREST PRODUCT	21	1.7	205,451	476,718	*
0600 WILDLIFE AND FISH	13	1.5	10,339	262,000	*
0700 FISH	20	12.5	114,153	913,069	*
0800 FELID ANTS DECIDUOUS	11	2.1	40,112	234,476	*
0900 POTATOES	29	5.0	157,794	578,216	*
1000 VEGETABLES	26	5.0	76,930	359,407	*
1100 CORN	29	6.1	114,734	451,102	*
1200 WHEAT	6	0.4	7,374	19,408	*
1300 OTHER SMALL GRAINS	5	0.9	6,090	40,513	*
1400 FORAGE CROPS	23	7.2	119,279	541,111	*
1500 TOBACCO	3	0.4	7,740	20,436	*
1600 POULTRY	20	9.4	260,904	858,641	*
1700 BEEF CATTLE	14	3.1	31,179	471,959	*
1800 DAIRY CATTLE	20	10.8	157,924	1,078,702	*
1900 SWINE	6	2.7	49,472	173,563	*
2000 SHEEP AND WOOL	0	1.2	29,062	96,873	*
2100 OTHER ANIMALS	5	1.9	45,345	158,399	*
2200 BEES AND HONEY	2	0.5	4,116	50,885	*
2300 FARM SUPP & FACILITIES	1	0.4	4,265	18,504	*
2400 CLOTHING & TEXTILES	1	0.1	1,601	1,641	*
2500 FOOD	7	2.5	162,610	359,700	*
2600 HOUSING & EQUIP	2	1.1	12,920	141,131	*
2700 PEOPLE AS INDIVIDUAL	16	5.1	162,634	284,201	*
2800 FAMILY MEMBERS	1	0.5	8,086	20,336	*
2900 FIRM AS BUSINESS	3	2.0	40,824	111,563	*

CATEGORY	OF P50J	YEARS 1977	CASE ADMIN. AT- TENDANCE) 1977	(MILES) 1977	1977
0100 SOIL AND LAND	5	1.8	4,161	136,964	*
0200 WATER	4	3.0	102,788	296,054	*
0400 AIR AND CLIMATE	1	0.9	0	38,233	*
0900 CITRUS AND TROP FRUIT	35	15.9	416,784	1,148,565	*
1100 POTATOES	1	0.1	0	4,286	*
1200 VEGETABLES	33	27.3	430,712	1,727,645	*
1300 ORNAMENTALS TURF	6	2.2	69,710	197,937	*
1400 CEREAL	3	1.0	18,694	92,117	*
1500 GRAIN SOYBEANS	1	1.4	18,094	91,971	*
1600 RICE	5	2.3	23,136	151,338	*
1900 PASTURE	5	1.8	54,063	219,565	*
2000 FORAGE CROPS	6	2.9	79,501	330,727	*
2100 LIVERMORE	2	0.5	18,394	68,813	*
2600 TOBACCO	4	0.5	24,143	92,396	*
2700 SUGAR CROPS	27	19.1	552,865	1,416,979	*
2800 MISC NEW CROPS	13	4.0	102,106	328,191	*
2900 PULTRY	4	0.6	15,830	60,375	*
3000 BEEF CATTLE	4	1.1	55,155	112,255	*
3100 DAIRY CATTLE	7	3.3	172,516	391,687	*
3200 SWINE	3	0.4	19,553	32,705	*
3600 PIGEON	1	1.4	109,572	244,565	*
4000 PETS AS INDIVIDUAL	2	0.7	14,705	32,448	*
4100 FAMILY MEMBERS	1	0.7	15,401	36,896	*
4200 FARM AS BUSINESS	2	5.5	147,752	254,977	*
4300 SOC VOLIT ORGANIZ	2	1.4	14,116	80,315	*
6500 INVERTEBRATES	2	1.3	0	55,175	*
6700 PLANTS	1	1.1	4,140	56,147	*
6900 RESEARCH ON ECHINACEA	1	0.9	1,462	1,462	*
TOTAL	191	103.4	2,533,495	7,932,307	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PHOENIS ISLAND KINGSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PRO FED APPR/ CASH ADMINSTR (MILES) 1977	TOTAL FUNDS (MILES) 1977	USDA COM/ SYS 1977
0100 SOIL AND LAND	12	3.6	59,002	174,817	*
0200 WATER	8	2.6	40,449	130,813	*
0400 AIR AND CLIMATE	2	0.5	1,691	7,106	*
0900 RECREATION RESOURCES	3	1.4	31,505	113,815	*
0600 TROPICAL FOREST PRODUCTION	3	2.3	91,725	125,156	*
0300 MOLLUSCS AND FISH	16	8.2	80,122	367,166	*
0900 CITRUS AND TROP FRUIT	1	0.1	500	4,505	*
1000 TROPICAL WOODS SPECIES	6	1.2	64,886	119,548	*
1100 POTATOES	1	0.6	157	22,056	*
1200 VEGETABLES	4	0.4	38,019	68,995	*
1300 ORNAMENTALS TURF	13	7.3	126,242	355,576	*
2900 PULTRY	5	2.7	70,932	164,069	*
3100 DAIRY CATTLE	3	0.5	10,500	57,294	*
1400 OTHER ANIMALS	2	0.2	2,265	5,324	*
3700 CLOTHING & TEXTILES	1	0.5	5,487	6,071	*
3800 FOOD	2	3.6	96,744	191,055	*
3900 HOUSING & EQUIP	1	0.4	9,366	33,595	*
4000 PETS AS INDIVIDUAL	4	0.9	6,956	22,030	*
4300 SOC VOLIT ORGANIZ	2	1.1	32,060	70,051	*
6700 PLANTS	1	0.6	2,279	14,301	*
6800 ANIMALS (VERTEBRATES)	1	0.0	387	723	*
TOTAL	91	39.4	713,533	2,060,171	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER FED AID/4/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/INT/CA SYS 1977	WITH SAEH AMOUNT 1977
00 SOIL AND LAND	16	3.4	52,352	257,910	*	0
00 WATER	11	1.5	93,468	112,912	*	0
00 WATERSHEDS RIVER BAS	2	0.1	9,505	20,439	*	0
00 AIR AND CLIMATE	2	0.2	4,637	4,710	*	0
00 TIMBER FOREST PRODUCT	5	0.6	4,202	36,930	*	0
00 WILDLIFE AND FISH	10	2.3	70,711	184,321	*	0
00 FRUIT NUTS DECIDUOUS	34	10.1	156,427	726,322	*	0
01 VEGETABLES	29	9.7	144,041	656,474	*	0
02 ORNAMENTALS TURP	15	4.9	45,737	310,650	*	0
00 CORN	19	3.7	44,210	246,616	*	0
00 GRAIN SORGHUM	2	0.3	770	14,415	*	0
00 WHEAT	5	0.6	15,468	45,348	*	0
00 OTHER SMALL GRAINS	5	0.7	22,776	66,222	*	0
00 PASTURE	2	0.4	26,004	12,352	*	0
00 FORAGE CROPS	19	5.3	70,732	334,655	*	10,151
00 COTTON	25	1.2	52,600	426,891	*	120,500
00 SOYBEANS	36	4.4	159,731	764,230	*	35,223
00 PEANUTS	6	0.6	1,250	58,000	*	0
03 TOBACCO	9	0.1	13,713	419,700	*	0
00 MISC NEW CROPS	2	0.1	6,950	9,324	*	0
01 POULTRY	29	5.4	156,463	537,720	*	0
00 BEEF CATTLE	26	6.1	349,975	1,195,125	*	0
00 DAIRY CATTLE	24	6.9	159,194	951,124	*	0
00 SWINE	17	2.3	70,075	267,909	*	0
00 SHEEP AND WOOL	4	0.1	15,603	57,336	*	0
00 OTHER ANIMALS	9	1.1	3,101	91,343	*	0
00 FARM SUPP & FACILITIES	1	0.4	0	906	*	964
00 CLOTHING & TEXTILES	2	0.4	7,321	22,394	*	0
00 FOOD	5	0.6	24,914	56,662	*	0
00 HOUSING & EQUIP	7	1.3	6,453	70,168	*	0
00 PEOPLE AS INDIVIDUAL	17	2.1	69,687	145,466	*	0
00 FAMILY MEMBERS	3	0.2	15,695	23,103	*	0
00 FARM AS BUSINESS	5	0.6	20,866	63,892	*	0
00 ECC POLIT ORGANIZ	7	1.1	68,349	72,356	*	0
00 AGRIC ECONOMY H S	2	0.2	15,196	29,778	*	0
00 OTH MARKET PROCESS	2	0.2	12,933	69,145	*	0
00 MARKETING SYSTEMS	1	0.1	0	23,103	*	0
00 EXP RES/INSTRAT METH	1	1.5	0	115,833	*	0
01 INVERTEBRATES	3	0.4	3,536	40,233	*	0
01 PLANTS	4	1.3	26,117	102,501	*	0
01 ANIMALS (VERTEBRATES)	6	0.3	413	41,935	*	0
00 UNCLASSIFIED	1	1.1	0	159,932	*	0
TOTAL	432	97.8	1,950,998	9,071,607	*	174,946

TABLE 12-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SOUTH DAKOTA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PER FED AID/4/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/INT/CA SYS 1977	WITH SAEH AMOUNT 1977
00 SOIL AND LAND	11	5.6	95,222	357,235	*	0
00 WATER	10	2.1	22,933	167,570	*	0
00 AIR AND CLIMATE	2	0.3	44,029	22,671	*	0
00 RECREATION RESOURCES	2	0.6	0	139,100	*	0
00 TIMBER FOREST PRODUCT	9	1.9	52,294	270,172	*	0
00 FISH	7	2.3	31,556	129,823	*	3,472
00 WILDLIFE AND FISH	11	1.4	20,019	203,020	*	0
00 FRUIT NUTS DECIDUOUS	3	0.4	16,227	35,775	*	0
00 POTATOES	1	0.1	932	4,250	*	0
00 VEGETABLES	3	0.7	11,910	36,689	*	0
00 ORNAMENTALS TURP	1	0.6	5,282	38,976	*	0
00 CORN	9	2.0	66,939	210,247	*	0
00 GRAIN SORGHUM	1	0.2	0	10,321	*	0
00 WHEAT	10	3.5	103,350	131,332	*	0
00 OTHER SMALL GRAINS	8	2.6	70,110	416,137	*	3,138
00 PASTURE	1	0.1	0	6,066	*	0
00 FORAGE CROPS	12	4.3	96,534	301,876	*	33,596
00 SOYBEANS	5	0.3	8,212	83,514	*	4,179
00 OTHER OILSEED CROPS	5	1.5	0,509	102,770	*	0,758
00 MISC NEW CROPS	2	0.1	0	53,197	*	0
00 POULTRY	10	3.2	90,961	155,521	*	0
00 BEEF CATTLE	27	9.5	223,665	899,270	*	33,596
00 DAIRY CATTLE	10	3.9	149,965	251,767	*	0
00 SWINE	13	3.1	37,942	117,671	*	22,510
00 SHEEP AND WOOL	13	2.7	67,877	177,190	*	0
00 OTHER ANIMALS	4	1.6	0	95,689	*	0
00 FARM SUPP & FACILITIES	1	1.2	14,590	46,750	*	0
00 CLOTHING & TEXTILES	3	1.9	13,617	56,537	*	0

TABLE 31-B SUMMARY OF SCI-YEARS ADJUSTED FOR 1977 BY COMMODITY - TENNESSEE

KNOXVILLE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	NO. FSC ADJUSTED CROSS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/WT/CA WITH SRS 1977	AM
0100 SOIL AND LAND	7	6.1	53,951	163,866	*	
0200 WATER	4	3.7	11,772	51,629	*	
0300 WATERSHEDS RIVER BAS	1	0.9	25,190	45,451	*	
0400 AIR AND CLIMATE	2	0.3	8,345	19,630	*	
0500 RECREATION RESOURCES	2	0.5	15,545	25,532	*	
0600 FOREST FURST PRODUCT	20	5.2	178,477	408,515	*	
0700 MINERAL AND FISH	6	2.1	74,273	161,593	*	
0800 FRUIT NUTS DECIDUOUS	3	2.1	47,439	108,931	*	
1100 PRUITCES	1	0.0	0	1,021	*	
1200 VEGETABLES	21	7.9	207,036	494,210	*	
1300 ORNAMENTALS TREE	12	4.5	117,635	231,184	*	
1400 CORN	22	4.6	104,194	119,007	*	
1500 GRAIN SOYBEAN	4	0.3	7,107	15,821	*	
1700 WHEAT	5	0.9	20,652	45,679	*	
1800 OTHER SMALL GRAINS	8	1.1	21,912	70,720	*	
1900 PASTURE	1	0.0	1,664	2,640	*	
2000 FORAGE CROPS	17	6.1	110,156	314,354	*	
2100 COTTON	22	5.6	15,038	355,743	*	
2200 COTTONSEED	2	0.4	21,678	29,830	*	
2300 SOYBEANS	29	6.1	170,157	405,899	*	
2500 OTHER OILSEED CROPS	2	3.1	0	7,023	*	
2600 TOBACCO	14	3.8	98,764	305,415	*	
2800 MISC NEW CROPS	1	0.1	2,003	9,534	*	
2900 POULTRY	16	3.8	120,897	270,665	*	
3000 BEEF CATTLE	33	11.0	332,263	1,784,613	*	
3100 DAIRY CATTLE	21	9.1	226,349	1,493,876	*	
3200 SWINE	16	5.1	153,148	498,151	*	
3300 SHEEP AND WOOL	6	0.9	22,758	97,947	*	
3400 OTHER ANIMALS	2	0.2	2,513	11,075	*	
3500 BEES AND HONEY	2	0.4	11,191	16,167	*	
3700 CLOTHING & TEXTILES	2	0.7	16,348	23,051	*	
3800 FOOD	5	2.9	120,534	174,644	*	
3900 HOUSING & EQUIP	1	0.6	12,725	27,025	*	
4000 PEOPLE AS INDIVIDUAL	12	3.7	129,905	162,945	*	
4100 FAMILY MEMBERS	5	2.6	62,767	101,707	*	
4200 FARM & BUSINESS	6	1.1	16,492	51,065	*	
4300 SOC POLIT ORGANIZ	6	1.4	65,691	96,317	*	
4400 AGRIC ECONOMY & S	2	0.1	0	4,011	*	
4500 FARM COOPERATIVES	1	0.1	1,300	4,766	*	
4600 MARKETING SYSTEMS	1	0.1	1,316	4,670	*	
6100 WEEDS	1	0.4	14,099	21,869	*	
6600 MICROORGANISMS, VIRUS	1	3.5	12,652	20,129	*	
6700 PLANTS	1	1.6	0	54,935	*	
6800 ANIMALS (VERTEBRATES)	1	0.5	14,351	47,252	*	
7000 MACH EQUIP & TECHNOL	1	0.2	4,796	12,073	*	
9900 UNCLASSIFIED	1	0.0	0	392,661	*	
TOTAL	353	191.0	2,075,039	6,976,601	*	

0 AIR AND CLIMATE	7	1.2	12,618	95,694	*	795
0 RECREATION RESOURCES	10	2.3	19,551	236,185	*	0
0 TIMBER FOREST PRODUCT	22	5.0	85,785	831,635	*	4,988
0 RANGE	38	8.6	77,568	1,016,671	*	9,093
0 WILDLIFE AND FISH	49	15.5	150,319	1,245,521	*	14,841
0 CITRUS AND OTHER FRUIT	12	3.4	15,648	227,576	*	1,990
0 FRUIT NUTS DECIDUOUS	25	7.4	57,168	611,826	*	872
0 POTATOGES	4	1.2	7,652	95,990	*	154
0 VEGETABLES	26	15.9	33,176	1,074,885	*	50,151
0 ORNAMENTALS TREES	11	5.6	15,388	466,564	*	0
0 CORN	15	2.5	28,457	229,671	*	1,882
0 GRAIN CEREAL	63	13.5	101,779	564,727	*	40,803
0 RICE	16	6.7	27,227	422,592	*	11,352
0 WHEAT	15	6.2	25,722	307,622	*	5,646
0 OTHER SMALL GRAINS	13	2.9	9,683	182,518	*	122
0 PASTURES	10	2.8	16,155	205,152	*	136
0 FORAGE CROPS	39	19.7	86,041	927,007	*	173
0 COTTON	57	15.4	348,811	3,699,323	*	13,245
0 COTTONSEED	4	3.6	10,184	50,064	*	0
0 SOYBEANS	16	3.6	13,626	223,558	*	1,061
0 PEANUTS	24	7.7	62,947	733,182	*	26,644
0 OTHER OILSEED CROPS	1	1.2	2,898	120,071	*	0
0 SUGAR CROPS	7	1.5	27,527	135,127	*	2,532
0 RICE, NEW CROPS	4	6.5	6,285	31,245	*	0
0 POULTRY	24	15.1	105,223	654,542	*	71,837
0 BEEF CATTLE	61	16.3	970,145	2,692,753	*	17,135
0 DAIRY CATTLE	25	1.4	111,390	472,682	*	26,196
0 SWINE	6	1.2	27,405	196,581	*	3,444
0 SHEEP AND WOOL	23	2.4	71,917	621,447	*	38,324
0 OTHER ANIMALS	15	2.6	65,015	289,562	*	86,613
0 FARM BIRD & INSECTS	6	1.0	59,816	138,018	*	0
0 CLOTHING & TEXTILES	1	0.1	3,376	1,452	*	0
0 FOOD	15	6.1	190,733	310,617	*	0
0 HOUSING & EQUIP	7	0.7	14,583	79,146	*	1,682
0 PEOPLE AS INDIVIDUAL	12	3.0	166,597	272,924	*	5,465
0 FAMILY MEMBERS	5	0.4	18,695	39,513	*	0
0 FARM AS BUSINESS	9	3.3	70,146	151,213	*	30,648
0 SOC POLIT ORGANIZ	9	2.2	75,918	117,242	*	0
0 AGRI ECONOMI J P	1	0.0	17,361	65,665	*	0
0 FARM COOPERATIVES	2	0.2	11,124	87,327	*	16,373
0 DRUGS MEDS INGENS	1	6.0	91	8,272	*	0
0 WEEDS	1	0.0	0	683	*	0
0 REE RESEARCH	2	0.1	3,105	17,821	*	5,091
0 RPD CELL SYSTEMS	1	1.3	5,873	108,169	*	0
0 INVENTORIAL	1	0.6	3,444	91,500	*	674
0 MICROORGANISMS, VIBIOS	2	0.8	0	89,114	*	0
0 PLANTS	17	5.5	105,426	439,827	*	0
0 ANIMALS (VERTEBRATES)	4	6.3	17,116	124,252	*	0
0 BIRD EQUIP & TECHNI	1	0.2	951	15,502	*	0
0 UNCLASSIFIED	2	45.1	128,996	2,742,558	*	268,901
TOTAL	822	272.6	3,352,566	25,682,720	*	1,007,786

FILE 11-B SUMMARY OF SCI-FRAME ARE DURING FOR 1977 BY COMPLEXITY - UMAN						LOGAN	SA
CLASSIFICATION CATEGORY	NO OF LOG	SCIENTIST YEARS 1977	REG RES APEP/USERS APPROVED (PRESS) 1977	TOTAL DUSSES (DUSSES) 1977	UPDA COM/AT/CA SYS 1977	WITH SAME AMOUNT 1977	
00 SOIL AND CLIMATE	14	6.8	130,290	955,432	*	33,807	
00 WATER	6	2.2	51,412	184,054	*	0	
00 MATHEMATIC RIVER BAS	0	0.5	25,116	69,587	*	16,858	
00 AIR AND CLIMATE	3	6.1	29,656	71,503	*	8,186	
00 RECREATION RESOURCES	4	2.1	45,416	85,106	*	0	
00 TIMBER FOREST PRODUCT	3	0.9	17,205	58,746	*	15,322	
00 RANGE	12	2.6	25,633	271,522	*	21,361	
00 FRUIT, NUTS DECIDUOUS	11	3.9	73,693	236,508	*	0	
00 POTATOGES	3	6.6	13,153	96,800	*	0	
00 VEGETABLES	9	1.6	32,714	158,536	*	28,369	
00 ORNAMENTALS TREES	1	0.7	0	41,278	*	13,731	
00 CORN	2	0.3	3,658	14,381	*	0	
00 WHEAT	1	1.7	19,165	136,405	*	0	
00 OTHER SMALL GRAINS	5	0.7	0	41,159	*	0	
00 FORAGE CROPS	9	2.9	44,151	174,712	*	0	
00 SUGAR CROPS	4	0.2	1,023	11,388	*	0	
00 COUNTRY	6	0.4	68,170	268,592	*	1,759	
00 BEEF CATTLE	11	3.7	104,198	931,619	*	33,550	
00 DAIRY CATTLE	24	5.0	124,328	699,591	*	1,265	
00 SWINE	3	0.1	3,441	13,443	*	1,265	
00 SHEEP AND WOOL	0	5.6	87,126	506,631	*	12,195	
00 OTHER ANIMALS	1	1.1	27,021	116,925	*	775	
00 BEES AND HONEY	2	0.8	457	1,015	*	0	
00 FOOD	7	2.1	17,640	190,569	*	5,276	
00 HOUSING & EQUIP	1	0.3	0	31,397	*	0	
00 PEOPLE AS INDIVIDUAL	5	0.8	15,963	69,745	*	0	
00 FAMILY MEMBERS	1	0.1	9	2,641	*	0	
00 FARM AS BUSINESS	2	0.6	0	29,539	*	335	
00 SOC POLIT ORGANIZ	8	2.3	51,891	146,524	*	0	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSPS AMOUNT (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977
0100 SOIL AND LAND	11	2.7	73,842	115,120	*
0200 WATER	3	2.9	9,201	62,640	*
0300 WATERSHEDA RIVER BAS	1	0.2	9,266	13,515	*
0400 AIR AND CLIMATE	1	0.1	8,796	4,769	*
0500 PREPATION RESOURCES	2	0.9	28,617	47,968	*
0600 TIMBER FOREST PRODUCT	4	2.1	59,015	131,934	*
1000 FRUIT NUTS DECIDUOUS	12	2.9	105,246	196,821	*
1100 POTATOES	1	0.1	0	2,667	*
1200 VEGETABLES	2	0.2	750	3,814	*
1300 PERMANENTALS TREE	7	1.5	45,139	74,227	*
1400 CORN	2	0.2	2,732	9,231	*
2000 FORAGE CROPS	6	1.1	46,526	64,951	*
2900 POULTRY	5	1.1	51,129	157,476	*
3000 DEER CATTLE	1	0.1	1,163	4,737	*
3100 DAIRY CATTLE	17	4.7	181,163	398,933	*
3300 SHEEP AND WOOL	2	0.1	4,160	6,216	*
3400 OTHER ANIMALS	1	0.1	3,521	11,461	*
3600 FARM SUPP & FACILITIES	1	0.3	3,511	15,989	*
4001 PEOPLE AS INDIVIDUAL	4	2.4	54,176	120,377	*
4100 FAMILY MEMBERS	1	0.2	0	8,776	*
4200 FARM AS BUSINESS	1	0.2	0	3,773	*
4300 SOL FOLIT CRANIZ	4	0.2	28,831	41,169	*
4400 MARKETING SYSTEMS	2	0.0	22,446	32,855	*
6300 BIO CELL SYSTEMS	7	3.5	73,103	193,511	*
6600 MICROORGANISMS, VIRUS	1	0.0	4,695	6,342	*
6700 PLANTS	3	0.4	7,221	54,167	*
TOTAL	137	27.0	825,967	1,625,034	*

TABLE II-5 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - VIRGIN ISLANDS ST. THOMAS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSPS AMOUNT (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977
0600 TIMBER FOREST PRODUCT	1	0.3	1,141	3,292	*
0800 WILDLIFE AND FISH	2	1.1	29,462	43,436	*
0900 CITRUS SUB TROP FRUIT	1	0.6	33,137	48,249	*
1000 FRUIT NUTS DECIDUOUS	1	0.1	3,682	11,470	*
1200 VEGETABLES	1	0.1	11,743	14,719	*
1300 GRAIN SOYBEAN	1	0.4	12,107	15,851	*
1900 PASTURE	1	0.4	11,129	14,724	*
2000 FORAGE CROPS	1	0.2	12,107	15,051	*
3300 BEEF CATTLE	1	1.2	40,153	40,153	*
6900 RESEARCH ON FISH MGN	1	0.3	1,141	3,292	*
TOTAL	11	4.5	156,439	193,069	*

CLASSIFICATION CATEGORY	NO OF SPEC	SCIENTIST YEARS 1977	REG FED AGRIC/ CSPS ADMNTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COR/GR/CA SRS 1977	WITH SARE AMOUNT 1977
0 SOIL AND LAND	14	8.4	11,983	520,406	*	115
0 WATER	6	1.5	23,183	83,027	*	115
0 WATERSHEDS RIVER BAS	2	1.6	49,586	140,165	*	0
0 RECREATION RESOURCES	2	1.1	20,979	77,887	*	7,830
0 TIMBER FOREST PRODUCT	26	14.7	197,567	1,310,845	*	155,044
0 WILDLIFE AND FISH	4	2.9	50,768	516,700	*	32,818
0 CITRUS SUB TROP FRUIT	1	0.3	0	610	*	0
0 FRUIT NUTS ORCICUS	22	5.6	186,627	619,057	*	6,160
0 VEGETABLES	6	1.7	9,454	111,114	*	1,167
0 ORNAMENTALS TURF	12	6.2	110,746	457,938	*	3,676
0 CORN	13	3.7	69,194	290,392	*	2,633
0 GRAIN SCORUM	1	0.1	0	6,896	*	0
0 WHEAT	5	1.3	29,498	56,517	*	1,015
0 OTHER SMALL GRAINS	1	1.1	27,655	78,177	*	1,019
0 PASTURE	2	0.1	0	12,680	*	0
0 FORAGE CROPS	10	7.5	66,016	376,521	*	32,729
0 COTTON	3	0.3	1,162	40,167	*	13,242
0 SOYBEANS	16	6.1	36,515	400,527	*	32,848
0 LEGUMES	5	2.9	35,131	207,253	*	11,124
0 TORACCO	16	8.8	71,354	631,656	*	3,523
0 POULTRY	17	5.7	206,360	658,226	*	3,709
0 BEEF CATTLE	23	10.1	162,542	545,955	*	11,793
0 DAIRY CATTLE	19	7.7	296,501	770,503	*	5,538
0 SWINE	10	6.4	98,075	572,921	*	36,976
0 SHEEP AND WOOL	6	1.7	33,647	246,021	*	0
0 OTHER ANIMALS	5	1.4	53,535	158,641	*	0
0 CLOTHING & TEXTILES	1	1.3	25,865	31,245	*	0
0 FOOD	7	2.0	112,889	211,166	*	14,154
0 HOUSING & EQUIP	2	2.2	40,810	113,764	*	2,017
0 PEOPLE AS INDIVIDUAL	16	7.0	151,756	358,747	*	9,419
0 FAMILY MEMBERS	3	1.5	11,040	21,427	*	0
0 FARM AD BUSINESS	7	0.1	0	4,846	*	0
0 SOC POLIT ORGANIZ	5	1.4	31,367	97,759	*	0
0 AGRIC ECONOMY H S	1	3.0	0	113,332	*	0
0 OTH MARKET PROCES	1	0.3	0	23,417	*	0
0 MARKETING SYSTEMS	2	0.4	21,296	47,804	*	5,487
0 WREDS	4	0.7	10,877	28,142	*	4,273
0 HQ CELL SYSTEMS	4	2.7	19,116	211,981	*	0
0 INVERTEBRATES	3	1.4	30,070	59,266	*	1,831
0 MICROORGANISMS, VIRUS	7	11.0	11,265	1,146,032	*	0
0 PLANTS	14	4.8	109,574	171,637	*	2,161
0 ANIMALS (VERTEBRATES)	3	2.2	29,534	124,717	*	115
0 MACH EQUIP & TECHNIC	1	1.8	0	175,467	*	0
0 UNCLASSIFIED	1	3.7	999	57,691	*	10
TOTAL	122	162.3	2,575,542	11,100,462	*	419,561

TABLE II-11 SUMMARY OF SCI-YEARS AND FUNDS PER 1977 BY COMMODITY - WASHINGTON PHILLMAN

CLASSIFICATION CATEGORY	NO OF SPEC	SCIENTIST YEARS 1977	REG FED AGRIC/ CSPS ADMNTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COR/GR/CA SRS 1977	WITH SARE AMOUNT 1977
00 SOIL AND LAND	15	8.2	170,052	837,317	*	52,177
00 WATER	12	1.0	31,007	161,085	*	9,508
00 WATERSHEDS RIVER BAS	4	0.2	7,429	29,420	*	740
00 AIR AND CLIMATE	2	0.5	9,233	19,425	*	0
00 RECREATION RESOURCES	3	0.0	1,154	8,078	*	1,035
00 TIMBER FOREST PRODUCT	30	9.6	117,520	926,677	*	52,707
00 RANGE	11	0.6	4,390	76,752	*	9,162
00 WILDLIFE AND FISH	6	1.0	16,317	51,549	*	2,523
00 FRUIT NUTS ORCICUS	57	29.7	317,184	2,765,172	*	18,535
00 POTATOES	27	7.5	30,265	122,105	*	30,260
00 VEGETABLES	68	11.1	177,766	1,085,396	*	30,560
00 ORNAMENTALS TURF	16	5.8	0	481,993	*	670
00 CORN	3	0.2	575	19,863	*	37
00 WHEAT	37	6.9	142,427	942,228	*	37,919
00 OTHER SMALL GRAINS	26	2.7	79,306	371,061	*	346
00 PASTURE	1	0.2	0	9,387	*	0
00 FORAGE CROPS	13	3.1	69,268	339,271	*	1,476
00 SOYBEANS	2	0.2	0	21,356	*	0
00 OTHER OILSEED CROPS	7	0.1	13,468	16,540	*	0
00 SUGAR CROPS	6	1.9	2,367	141,096	*	2,359
00 MISC NEW CROPS	9	1.6	23,324	279,254	*	7,530
00 POULTRY	16	5.7	42,667	717,624	*	0
00 BEEF CATTLE	22	5.0	124,596	776,504	*	0
00 DAIRY CATTLE	16	4.5	70,321	386,130	*	0
00 SWINE	5	0.9	6,695	165,336	*	0
00 SHEEP AND WOOL	11	2.5	58,026	225,160	*	0
00 OTHER ANIMALS	4	0.6	0	42,489	*	0
00 BEES AND HONEY	2	1.0	41,010	74,516	*	0
00 FARM SUPP & FACILITIES	1	0.1	0	1,129	*	0
00 FOOD	3	0.2	19,217	10,725	*	240
00 HOUSING & EQUIP	3	0.6	17,258	57,900	*	0

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIFIC REPS 1977	REG FED AGRIC/CSRS ADJUSTED (GROSS) 1977	TOTAL PHYSIC (GROSS) 1977	USDA COM/INT/ SIS 1977
0100 SOIL AND LAND	12	3.0	193,754	937,360	*
0200 WATER	13	3.5	95,977	246,453	*
0300 WATERSHEDS RIVER BAS	3	3.5	0	32,312	*
0400 AIR AND CLIMATE	2	0.2	25,475	60,423	*
0500 RECREATION RESOURCES	6	1.8	25,395	877,231	*
0600 TIMBER FOREST PRODUCTS	12	11.5	31,545	561,113	*
0700 WILDLIFE AND FISH	23	5.6	57,085	299,105	*
1000 FRUIT NUTS LEGUMINOUS	14	5.2	137,040	486,134	*
1100 POTATOES	21	5.6	133,641	811,327	*
1200 VEGETABLES	41	11.0	20,715	153,130	*
1300 ORNAMENTALS TURF	19	2.7	46,843	293,743	*
1400 CORN	13	3.7	6,401	10,052	*
1500 OTHER SMALL GRAINS	4	0.1	1,297	37,323	*
1600 WHEAT	8	1.9	89,024	172,751	*
1700 OTHER SMALL GRAINS	1	0.2	0	5,463	*
2000 FORAGE CROPS	21	9.2	125,630	651,347	*
2100 SUGAR CROPS	12	2.5	11,065	218,276	*
2200 TUBEROUS	2	0.6	3,126	12,004	*
2300 PULTRY	17	6.1	112,059	561,450	*
2400 DEER CATTLE	15	6.3	167,115	561,117	*
2500 RABBIT CATTLE	54	14.1	436,001	2,364,077	*
2600 SWINE	22	3.5	115,296	531,401	*
2700 SHEEP AND WOOL	6	1.2	46,499	223,602	*
2800 OTHER ANIMALS	9	1.6	25,381	401,871	*
3000 BEES AND HONEY	3	3.0	0	111,000	*
3100 CLOTHING & TEXTILES	1	0.2	15,565	15,560	*
3200 FOOD	33	10.4	163,350	479,742	*
3300 HOUSING & POWER	7	0.7	0	11,837	*
4000 PEOPLE AS INDIVIDUAL	41	9.5	161,785	1,202,494	*
4100 FAMILY MEMBERS	2	0.2	7,970	13,616	*
4200 FARM AS BUSINESS	3	1.3	10,020	64,634	*
4300 SOC POLIT ORGANIZ	15	6.0	65,476	234,378	*
4400 AGRIC ECONOMY & S	2	1.2	34,530	117,321	*
4500 FARM COOPERATIVES	4	0.5	14,362	50,568	*
4600 MARKETING SYSTEMS	5	1.9	79,223	176,843	*
4700 GEN CELL SYSTEMS	15	6.2	0	1,113,094	*
4800 EXP DESIGN/STAT METH	1	0.2	0	11,254	*
4900 INVENTORIES	11	2.7	23,770	240,280	*
5000 MICROORGANISMS, VIRUS	21	4.2	32,312	1,403,956	*
5100 PLANTS	12	3.7	31,704	354,743	*
5200 ANIMALS (VETERINARIANS)	15	3.8	25,245	534,295	*
7000 RESEARCH EQUIP & TECHNIOL	2	6.3	20,510	33,188	*
TOTAL	581	161.2	2,661,862	17,361,635	*

TABLE II-B SUMMARY OF SCI-REPS AND FPMDS FOR 1977 BY COMMODITY - WEST VIRGINIA MORGANTOWN

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIFIC REPS 1977	REG FED AGRIC/CSRS ADJUSTED (GROSS) 1977	TOTAL PHYSIC (GROSS) 1977	USDA COM/INT/ SIS 1977
0100 SOIL AND LAND	14	3.6	121,936	289,596	*
0200 WATER	1	2.7	25,338	40,831	*
0300 WATERSHEDS RIVER BAS	1	0.9	1,106	2,124	*
0400 AIR AND CLIMATE	2	0.2	8,517	14,100	*
0500 RECREATION RESOURCES	7	1.8	36,929	65,618	*
0600 TIMBER FOREST PRODUCTS	16	5.2	222,249	428,382	*
0700 RANGE	1	0.5	67,739	120,514	*
0800 WILDLIFE AND FISH	11	1.9	22,054	121,748	*
1000 FRUIT NUTS LEGUMINOUS	11	6.1	205,648	359,601	*
1100 POTATOES	3	1.1	74,243	34,995	*
1200 VEGETABLES	5	1.6	54,870	87,803	*
1300 ORNAMENTALS TURF	4	3.3	46,454	65,951	*
1400 CORN	3	3.7	30,725	69,168	*
1500 WHEAT	1	0.1	0	5,138	*
1600 OTHER SMALL GRAINS	1	0.1	0	5,138	*
2000 FORAGE CROPS	6	1.7	57,405	135,487	*
2100 SUGAR CROPS	7	3.1	153,744	335,074	*
2200 TUBEROUS	17	2.9	273,324	420,184	*
2300 PULTRY	3	1.1	32,733	147,549	*
2400 DEER CATTLE	5	1.7	116,556	295,363	*
2500 RABBIT CATTLE	1	0.5	28,081	40,529	*
2600 SWINE	1	0.4	10,644	12,305	*
2700 SHEEP AND WOOL	1	3.2	9,828	11,880	*
2800 OTHER ANIMALS	1	1.0	48,183	60,082	*
3000 BEES AND HONEY	5	1.5	48,450	94,008	*
3100 CLOTHING & TEXTILES	1	0.2	15,565	15,560	*
3200 FOOD	33	10.4	163,350	479,742	*
3300 HOUSING & POWER	7	0.7	0	11,837	*
4000 PEOPLE AS INDIVIDUAL	41	9.5	161,785	1,202,494	*
4100 FAMILY MEMBERS	2	0.2	7,970	13,616	*
4200 FARM AS BUSINESS	3	1.3	10,020	64,634	*
4300 SOC POLIT ORGANIZ	15	6.0	65,476	234,378	*
4400 AGRIC ECONOMY & S	2	1.2	34,530	117,321	*
4500 FARM COOPERATIVES	4	0.5	14,362	50,568	*
4600 MARKETING SYSTEMS	5	1.9	79,223	176,843	*
4700 GEN CELL SYSTEMS	15	6.2	0	1,113,094	*
4800 EXP DESIGN/STAT METH	1	0.2	0	11,254	*
4900 INVENTORIES	11	2.7	23,770	240,280	*
5000 MICROORGANISMS, VIRUS	21	4.2	32,312	1,403,956	*
5100 PLANTS	12	3.7	31,704	354,743	*
5200 ANIMALS (VETERINARIANS)	15	3.8	25,245	534,295	*
7000 RESEARCH EQUIP & TECHNIOL	2	6.3	20,510	33,188	*
TOTAL	581	161.2	2,661,862	17,361,635	*

CLASSIFICATION CATEGORY	1 OF PROJ	SCIENTIST YEAR 1977	REG. PDS APPR/ CSRS ADJUSTED (68055) 1977	TOTAL FUND (68055) 1977	USDA COM/ST/CA WITH SAES 315 1977	AMOUNT 1977
GIL AND LAND	6	1.4	17,067	119,634	*	0
WATER	10	2.4	38,754	157,229	*	0
W. EPHSHEE RIVER BAS	3	0.4	1,250	19,474	*	0
IN AND CLIMATE	6	0.7	5,468	29,000	*	0
TINDER FORST PRODUCT	3	1.7	27,426	76,627	*	0
WASGE	13	4.3	35,166	117,470	*	0
WILDLIFE AND FISH	1	0.1	3,571	5,710	*	0
FRUIT WIDE DECIDUOUS	1	2.2	0	10,271	*	0
VEGETABLES	1	0.1	6,454	12,441	*	0
VEGETABLES	1	0.8	0	10,608	*	0
HERMANTALS TUSE	2	0.4	2,133	19,556	*	0
OSW	6	0.2	2,250	27,236	*	0
HCAY	5	0.7	7,310	50,961	*	0
OTHER SMALL GRAINS	6	0.7	11,414	71,205	*	0
ASTHAY	6	0.2	8,267	35,652	*	0
OLIVE CROPS	11	1.3	50,715	217,142	*	15,030
OLIVEAS	1	1.1	29,194	11,090	*	0
HIGH CROPS	1	1.1	22,955	91,146	*	0
CHITRY	5	2.5	16,597	46,146	*	0
DEY CATTLE	22	7.7	270,944	625,296	*	25,000
DAIRY CATTLE	5	1.4	54,447	35,187	*	0
SHEEP AND WOOL	12	0.9	156,241	264,423	*	0
OTHER ANIMALS	3	0.5	7,731	28,666	*	0
FARM SUPP & FACILITS	2	0.5	4,166	16,025	*	0
FOOD	1	0.0	1,167	1,314	*	0
HOUSEHOLD EQUIP	1	1.1	6,277	40,781	*	11,454
PEOPLE AS INDIVIDUAL	1	0.2	5,661	7,663	*	0
FARM AS BUSINESS	1	0.7	19,793	19,523	*	0
FOOD FOR ORGANIZ	4	0.6	17,672	10,352	*	0
FOOD FOR INDIVIDUALS	2	0.1	1,770	6,332	*	0
FOOD MARKET PROGRESS	1	0.1	1,442	2,291	*	0
MARKETING SYSTEMS	1	0.1	5,000	5,610	*	0
SEUS	1	0.2	3,559	7,076	*	0
INDUSTRIAL SYSTEMS	1	2.4	40,761	76,171	*	0
WATERWAYS	1	1.5	5,661	11,651	*	0
HIGH ORGANISMS, VIRUS	1	0.1	1,463	11,029	*	0
PLANTS	6	2.6	25,602	82,282	*	0
MINERAL (VEGETABLES)	2	0.7	0	27,381	*	0
	162	47.1	951,845	2,693,155	*	71,459

9100 SOIL AND LAND	43	14.9	142,380	1,402,495	*
9200 WATER	24	9.2	35,001	751,360	*
9300 WATERS-ETS RIVER BAS	10	1.5	21,601	271,744	*
9400 ATE AND CLIMATE	2	1.7	20,114	53,025	*
9500 RECREATION RESOURCES	35	6.3	137,456	496,324	*
9600 FOREST FOREST PRODUCT	38	126.5	1,530,101	10,054,056	*
9700 RANGE	26	2.6	25,265	145,870	*
9800 WILDLIFE AND FISH	66	14.5	116,225	1,610,214	*
1300 MINERALS TUFF	1	0.2	2,741	7,227	*
2300 FOREST CROPL	1	0.2	0	10,151	*
2300 SOYBEANS	1	0.4	0	36,814	*
2900 POULTRY	1	0.1	0	807	*
3000 BEEF CATTLE	1	6.1	0	1,714	*
3200 SWINE	1	0.0	0	39,040	*
3900 HOUSING & EQUIP	3	0.8	0	56,246	*
4000 PEOPLE AS INDIVIDUAL	3	6.1	6,633	61,151	*
4300 SOC POLIT ORGANIZ	1	0.1	0	1,706	*
4500 AGRIC ECONOMY FOREN	1	0.2	0	76	*
4600 BIO CELL SYSTEMS	1	0.2	0	7,322	*
6000 BAR DESIGN/ETIC MATH	5	2.0	3,605	127,123	*
6500 INVENTORARY	1	1.0	0	15,344	*
6600 MICROORGANISMS, VIRUS	3	6.1	0	3,729	*
6700 PLANTS	4	2.9	402	50,541	*
7000 RECH EQUIP & TECHNOL	6	0.6	19,835	42,255	*
9900 UNCLASSIFIED	6	16.7	0	1,040,133	*
TOTAL	644	206.4	2,033,021	16,308,422	*

TABLE 17-D SUMMARY OF 10-YEARS AND FUNDS FOR 1977 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF 1969	SCIENTIST YEARS 1977	REG IED APPR/ CEBS ADMSTR (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/UT/ SIS 1977
SERIES 100					
101 APPRAIS OF SOIL RES	9	5.5	12,355	593,912	*
102 SOIL PLNT WITH NUTRI	21	6.7	68,094	647,920	*
104 ALTERN USE OF LAND	11	2.3	67,025	160,543	*
105 CONSERV USE OF WATR	4	5.4	1,602	573,375	*
106 DRAIN AND IRRIGATION	1	0.1	0	19,710	*
107 WATERSHED PROT & MS	21	11.9	29,132	1,390,750	*
108 RECH LBN PROD OF WA	1	0.0	0	144	*
109 RECHER ADAPT & REC	2	1.1	24,114	66,674	*
110 APPRAIS FOREST & PAN	36	5.4	80,110	273,172	*
111 BIOL CULT MGMT FOSS	159	37.9	643,552	3,526,537	*
112 IMPROV RANGE REACH	14	1.0	6,003	145,521	*
113 REPUTE SENSIN	12	1.0	31,008	62,214	*
SUBTOTAL	241	70.4	548,355	7,567,992	*
SERIES 200					
201 CHRL FOREST INFECTS	39	0.6	73,528	716,950	*
202 CONTROL FOREST DIS	27	4.5	99,113	437,417	*
203 FOREST FIRE PROTECT	5	0.7	0	68,405	*
211 CONTE DIS ANIMALS	1	0.1	0	007	*
211 FERT ARMS FROM TOX	1	0.1	0	3,714	*
214 PROTECT FROM POLLUT	6	0.0	4,543	51,005	*
SUBTOTAL	79	16.6	177,253	1,320,716	*
SERIES 300					
301 GENET OREED FOREST T	41	7.5	257,120	714,230	*
302 IMP FOREST RES SYS	10	5.3	30,135	278,065	*
303 ECON FOREST PRODUCT	21	3.1	31,104	246,332	*
337 IMP SIC BEE FLO CRE	2	2.1	0	37,890	*
310 ANIMAL REPRODUCTION	1	0.3	0	10,040	*
316 NON-COM BIO TECHNOL	10	3.6	4,508	163,983	*
		21.6	722,066	1,519,348	*
		30.8	155,564	1,743,760	*
		30.8	155,564	1,743,760	*
		1.4	24,201	66,593	*
		1.3	4,528	67,805	*
		2.4	41,432	132,024	*
		5.0	76,161	286,422	*
		0.5	5,173	44,963	*
			8,173	44,963	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CERS MONSTER (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CUN/GT/CA SYS 1977	WITH SACS AMOUNT 1977
0 SOIL AND LAND	2	3.1	10,631	10,631	*	0
0 WATERS	1	0.9	6	6	*	0
0 TIMBER FORST PRODUCT	3	2.5	117,333	117,333	*	0
0 RANGE	1	0.5	5,151	5,151	*	0
0 WILDLIFE AND FISH	1	0.1	2,537	2,537	*	0
AL	6	1.0	135,228	135,228	*	0

LE 11-P SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH FLAGSTAFF

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CERS MONSTER (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CUN/GT/CA SYS 1977	WITH SACS AMOUNT 1977
0 RECREATION RESOURCES	2	0.2	177	4,077	*	0
0 TIMBER FORST PRODUCT	7	2.5	39,169	31,169	*	0
0 RANGE	2	0.6	6,620	14,020	*	0
AL	11	1.2	45,165	110,265	*	0

LE 11-U SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH AFCAIA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CERS MONSTER (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CUN/GT/CA SYS 1977	WITH SACS AMOUNT 1977
0 SOIL AND LAND	4	0.2	5,854	12,412	*	0
0 TIMBER FORST PRODUCT	6	0.1	10,110	39,766	*	0
0 ORNAMENTALS TREE	2	0.2	2,791	7,072	*	0
AL	10	0.6	28,758	59,249	*	0

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/WT/ SIS 1977
0100 SOIL AND LAND	4	0.4	34,342	71,205	*
0200 WATER	5	0.3	15,346	35,056	*
0300 WATERSHEDS RIVER BAS	3	0.3	18,723	29,484	*
0400 AIR AND CLIMATE	1	0.2	3	2,476	*
0500 RECREATION RESOURCES	1	0.2	21,022	21,022	*
0600 TIMBER FOREST PRODUCT	5	1.1	53,900	97,852	*
0700 RANGE	2	0.1	970	21,665	*
6000 REX DESIGN/SPAT MATH	1	1.1	0	59,416	*
7000 RECH EQUIP & TECHNOL	1	4.6	7,900	7,900	*
TOTAL	25	1.7	152,193	346,536	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH MOSCON					
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/WT/ SIS 1977
0100 SOIL AND LAND	1	0.1	5,653	16,003	*
0200 WATER	1	0.1	0	7,278	*
0300 WATERSHEDS RIVER BAS	1	0.3	0	69,146	*
0500 RECREATION RESOURCES	1	1.7	8,844	90,372	*
0600 TIMBER FOREST PRODUCT	40	11.6	142,302	1,093,212	*
0700 RANGE	4	1.5	14,524	139,690	*
0800 WILDLIFE AND FISH	14	4.1	19,344	731,264	*
3000 DEEP CATTLE	1	0.1	0	3,714	*
6700 PLANTS	1	0.1	0	6,555	*
9900 UNCLASSIFIED	1	0.1	0	221,500	*
TOTAL	100	25.6	193,197	2,179,256	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH BUSTON					
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/WT/ SIS 1977
0100 SOIL AND LAND	1	0.5	10,403	27,638	*
0600 TIMBER FOREST PRODUCT	4	2.4	48,744	129,553	*
0800 WILDLIFE AND FISH	1	0.6	5,451	15,246	*
TOTAL	6	3.6	65,018	172,737	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH ADD ARLOF					
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/WT/ SIS 1977

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH MISSOURI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REQ PED APPR/ CSRS ACSTPL (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SVS 1977	WITH S&B AMOUNT 1977
1 AND LAND	1	0.0	855	21,776	•	0
ES	1	0.0	909	22,177	•	0
RESEARCH RIVER BAS	1	0.2	0	37,752	•	0
SEASON REFINCES	1	0.2	17,202	33,632	•	0
PER FOREST PRODUCT	10	2.2	106,236	365,167	•	0
CLIF AND FISH	5	1.0	37,361	186,777	•	0
	19	4.5	162,553	664,230	•	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH STAGCUSE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REQ PED APPR/ CSRS ACSTPL (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/GT/CA SVS 1977	WITH S&B AMOUNT 1977
100 BOLL AND LAND	5	0.5	11,167	32,624	•	0
120 WATER	2	0.6	5,703	22,110	•	0
130 WATERFOWL RIVER BAS	1	0.1	5,920	9,253	•	0
150 RECREATION RESOURCES	2	0.2	0	12,644	•	700
1603 TIMBER FOREST PRODUCT	12	14.0	103,217	610,767	•	17,833
190 WILDLIFE AND FISH	12	2.1	0	110,756	•	250
300 SOC SCIT ORGANIZ	1	0.1	0	1,766	•	3
330 HIT CELL SYSTEMS	1	0.2	0	7,322	•	0
500 INVERTEBRATES	1	1.0	0	15,594	•	0
600 MICROORGANISMS, VIRUS	1	0.1	0	1,725	•	0
700 PLANTS	2	1.5	0	22,646	•	0
900 GENR EQUIP & TECHNOL	2	0.2	11,935	20,275	•	0
990 UNCLASSIFIED	1	12.2	0	694,520	•	76,927
TOTAL	62	32.7	136,866	1,696,017	•	115,710

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH CORVALLIS

CLASSIFICATION CATEGORY	NO	SCIENTIST	REQ PED APPR/	TOTAL FUNDS	USDA COM/GT/CA WITH S&B

CATEGORY	CF PROJ	YEARS 1977	CSRS ADMSTRD (GROSS) 1977	(GROSS) 1977	SYT 1977
0100 SOIL AND LAND	4	0.4	16,212	28,955	*
0200 WATER	1	0.7	0	45,900	*
3100 WATERSHEDS RIVER BAS	1	0.0	0	5,123	*
9500 RECREATION RESOURCES	1	0.5	21,941	25,832	*
0600 TIMBER FOREST PRODUCTS	19	1.0	155,565	493,811	*
0800 WILDLIFE AND FISH	1	0.9	21,192	20,058	*
2900 BOWLTRY	1	0.1	0	037	*
7300 ASCH EQUIP & TECHNOL	1	0.4	0	13,840	*
9900 UNCLASSIFIED	1	2.0	0	83,620	*
TOTAL	55	12.6	214,623	778,109	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH MACOTBOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	RES YED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977
0100 SOIL AND LAND	4	0.2	9,675	21,534	*
0200 WATER	2	0.1	0	15,271	*
3100 WATERSHEDS RIVER BAS	2	0.1	0	28,159	*
3500 RECREATION RESOURCES	1	0.3	0	27,910	*
0600 TIMBER FOREST PRODUCTS	20	0.1	17,492	34,315	*
0800 WILDLIFE AND FISH	0	0.0	29,010	63,022	*
9900 UNCLASSIFIED	1	1.2	0	1,597	*
TOTAL	33	6.7	115,976	550,807	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	RES YED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA SYS 1977
0500 RECREATION RESOURCES	2	0.5	32,520	58,075	*
0600 TIMBER FOREST PRODUCTS	2	1.6	53,755	130,446	*
0800 WILDLIFE AND FISH	2	0.7	17,139	59,016	*
0000 PEOPLE AS INDIVIDUAL	1	3.1	6,633	16,727	*
TOTAL	9	3.1	116,063	264,284	*

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	PRG PRG APPR/ CSSS ALPS/ND (GROSS) 1977	TOTAL FUND (GROSS) 1977	USDA COS/GT/CA SIN 1977	WITH SM AMG 1977
3100 SOIL AND LAND	27	8.4	0	558,417	*	595,000
3200 WATER	14	7.8	0	336,574	*	338,900
3300 WATERSHEDS RIVER BAS	3	1.5	0	62,381	*	62,300
3400 AIR AND CLIMATE	1	0.4	0	40,000	*	40,000
3500 RECREATION RESOURCES	3	0.6	0	44,846	*	42,800
3600 TIMBER FOREST PRODUCT	3	0.8	0	52,875	*	29,000
3650 WILDLIFE AND FISH	18	4.1	0	344,500	*	330,600
3900 FISHES SHIP FISH PHOT	2	3.1	0	9,376	*	9,300
1000 FRUIT VEG. DECIDUOUS	7	2.4	0	195,212	*	195,200
1200 VEGETABLES	26	4.3	0	548,749	*	548,700
1360 ORNAMENTALS TURF	2	0.4	0	42,466	*	42,400
1400 CORN	1	0.2	0	3,292	*	3,200
1500 GRAIN SOYBEANS	1	0.0	0	2,507	*	2,500
1700 WHEAT	4	3.6	0	33,777	*	30,700
1800 OTHER SMALL GRAINS	17	6.1	0	685,001	*	686,000
1900 PASTURE	1	0.1	0	4,667	*	4,400
2000 FORAGE CROPS	6	0.7	0	125,352	*	121,700
2100 COTTON	9	6.0	0	265,734	*	236,200
2200 COTTONSEED	1	0.0	0	1,032	*	1,000
2300 SOYBEANS	29	4.2	0	782,203	*	542,700
2400 PEANUTS	8	4.6	0	242,777	*	242,700
2500 OTHER OILSEED CROPS	1	0.0	0	8,496	*	8,400
2600 TOBACCO	2	0.2	0	33,230	*	33,200
2800 ATRC NEW CROPS	1	0.2	0	5,911	*	5,900
2900 POULTRY	17	5.0	0	438,607	*	432,500
3200 BEEF CATTLE	25	6.1	0	724,535	*	717,100
3100 DAIRY CATTLE	11	2.0	0	326,554	*	326,500
3200 SWINE	23	6.6	0	366,912	*	348,600
3300 SHEEP AND WOOL	4	1.1	0	52,908	*	52,900
3400 OTHER ANIMALS	11	3.3	0	104,293	*	108,200
3600 FARM SUPP & FACILITIES	4	1.6	0	283,844	*	283,800
3700 CLOTHING & TEXTILES	4	0.9	0	63,577	*	63,500
3800 FOOD	54	15.4	0	877,857	*	877,600
3900 HOUSING & EQUIP	7	1.1	0	152,719	*	152,700
4000 PEOPLE AS INDIVIDUAL	42	23.4	0	1,711,164	*	1,715,900
4100 FAMILY MEMBERS	36	7.4	0	608,154	*	583,100
4200 FARM AS BUSINESS	7	2.2	0	120,331	*	122,200
4300 SOC POLIT ORGANIZA	21	4.7	0	358,838	*	356,400
4400 AGRIC ECONOMY & S	1	0.1	0	17,131	*	17,100
4600 FARM COOPERATIVES	5	0.9	0	129,156	*	123,100
4000 MARKETING SYSTEMS	2	0.0	0	96,352	*	96,300
4100 MARKETS	7	1.5	0	26,404	*	26,400
4300 RIG CELL SYSTEMS	1	0.3	0	13,264	*	13,200
4500 INVENTORIES	1	0.0	0	4,568	*	4,500
4600 MICROORGANISMS, VIRUS	1	0.4	0	14,142	*	14,100
4700 PLANTS	0	2.1	0	132,209	*	129,100
4800 ANIMALS (VERTEBRATES)	2	0.1	0	23,724	*	23,700
TOTAL	536	151.1	0	11,236,500	*	10,636,000

102 SOIL PLANT MFG NUTRI	11	2.3	0	176,589	*
105 WEATHER ADAPT & PCO	1	6.4	0	15,350	*
111 BCEL CULT MANT PUFF	1	0.6	0	27,698	*
SUBTOTAL	11	9.6	0	215,425	*
SERIES 200					
201 CONTR FOREST INJECTS	1	0.2	0	23,678	*
204 CONTR TESTS PET & VE	4	2.4	0	150,080	*
205 CONTR DISSE PET & VET	5	1.1	0	18,104	*
206 CONTR WEEDS PET & VE	7	1.5	0	40,784	*
207 CONTR RESIST FLD CROP	4	1.7	0	199,447	*
208 CONTR DIS FELD CROP	13	1.4	0	216,393	*
209 CONTR WEEDS FID CROP	2	0.9	0	36,243	*
211 CONTR LIS ANIMALS	11	3.3	0	148,726	*
212 CONTR INTER PARASITE	2	0.2	0	13,150	*
214 FACTORS FROM POLLUT	11	2.1	0	177,352	*
SUBTOTAL	63	15.7	0	1,160,952	*
SERIES 300					
304 IMP BIO EFF PET & V	23	6.1	0	379,077	*
306 FOOD MGMT SYS T & V	1	0.0	0	7,955	*
307 IMP BIO EFF FLD CRO	34	12.3	0	1,126,206	*
310 ANIMAL REPRODUCTION	12	2.6	0	371,707	*
311 IMP BIO EFF ANML FR	27	5.2	0	634,179	*
312 ENV STRESS IN ANML	3	0.3	0	13,475	*
313 FOOD MGMT SYS ANML	1	1.6	0	200,772	*
315 IMP STING PARA SUBF	5	3.6	0	283,844	*
316 FARM BUSINESS MGMT	2	1.2	0	64,430	*
318 NON-COM BIO TECH/BI	10	1.9	0	71,475	*
SUBTOTAL	126	39.2	0	3,354,567	*
SERIES 400					
401 NEW IMP FOREST PROD	1	0.0	0	1,503	*
402 FOOD P & V IMP ACCE	4	0.1	0	14,166	*
403 NEW & IMP FOD PROD	2	0.1	0	32,817	*
405 PROCO FLD CROP IMP A	0	3.2	0	246,820	*
406 NEW IMP FOOD FID CR	6	1.1	0	131,862	*
407 NEW IMP NON-FOOD FC	1	0.1	0	13,476	*
409 PROD ANML FR IMP AC	6	1.3	0	192,397	*
410 IMP MEAT MILK BKG P	2	0.9	0	62,173	*
412 MNT QUAL ANIMAL ENO	2	0.4	0	38,821	*
SUBTOTAL	30	9.7	0	714,786	*
SERIES 500					
503 MKTG EFF ANML PRODC	3	0.0	0	104,442	*
506 SPLY DEMAND AND PRI	1	0.1	0	10,007	*
509 PERFORMANCE MKTG SY	1	0.1	0	7,000	*
510 GROUP ACCT MKT COVER	5	0.9	0	129,159	*
SUBTOTAL	10	1.2	0	251,208	*
SERIES 700					
701 TOX RES IN FOOD	1	1.2	0	11,233	*
702 FOOD PROT FROM TOX	3	0.9	0	78,632	*
703 FOOD CONSUMP HABITS	41	11.6	0	771,431	*
704 NUMB COMM FOOD SERV	4	0.6	0	24,520	*
705 SEL CAPB CLOTH & TE	4	6.7	0	61,277	*
706 CONTR INSECTS AFF M	1	0.0	0	2,942	*
707 TRANS ANML HAN DE	1	0.3	0	24,938	*
708 HUMAN NUTRITION	61	23.9	0	1,162,420	*
709 REDUCE HAZ HLTH & S	5	1.9	0	66,601	*
SUBTOTAL	129	40.2	0	2,246,293	*
SERIES 800					
801 FOTAL HOUSING	3	1.2	0	90,019	*
802 INDIV C FARM DEC MAK	38	3.5	0	180,965	*
803 RURAL POVERTY	9	1.9	0	171,071	*
804 ECON POTENT RURAL PE	22	2.7	0	307,033	*
805 COMMUNICAT RURAL PE	14	2.2	0	273,576	*
806 ADJUSTMENT TO CHANG	14	2.3	0	269,841	*
807 AGRIC ECONOMIC CHAN	6	1.1	0	81,023	*
SUBTOTAL	86	13.5	0	1,370,538	*
SERIES 900					
901 ALLEV POLLUTION	32	15.6	0	950,561	*
902 OUTCOME RECEPTION	3	0.0	0	42,848	*
904 WIDLEB AND FISH ECO	15	1.3	0	331,916	*
905 TREES BEAUTIFICATION	1	0.1	0	40,412	*
906 ORNAMENT & TURF DEV	1	0.3	0	2,054	*
907 RURAL INCOME IMP	14	2.0	0	307,081	*
908 RURAL ISSUES/IMP	9	1.6	0	159,577	*
SUBTOTAL	75	24.9	0	1,882,445	*
SCIENCE IN SERV OF MAN					
GRAND TOTAL	530	153.1	0	11,236,580	*

CLASSIFICATION CATEGORY		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH SACS SYS 1977	AMOUNT 1977
0100 SOIL AND LAND		1	0.1	0			
0900 CITRUS AND TROP FRUIT		2	0.1	0	134		134
1200 FRUIT AND VEGETABLES		4	0.2	0	9,370		9,370
2000 MEAT AND POULTRY		12	1.3	0	47,994		47,994
2900 DAIRY		1	3.2	0	154,593		154,593
3000 BEER CATTLE		4	1.3	0	5,913		5,913
3100 DAIRY CATTLE		9	0.4	0	95,766		95,766
3200 PIGS		5	0.4	0	23,362		23,362
3900 OTHER ANIMALS		7	2.4	0	11,547		11,547
4000 BIRD		1	0.2	0	106,097		106,097
4100 PEOPLE AS INDIVIDUAL		4	0.3	0	11,801		11,801
4100 FAMILY MEMBERS		6	0.5	0	34,810		34,810
4100 COMMUNITARIANS		5	0.1	0	79,367		79,367
4100 RELIG		1	0.3	0	25,565		25,565
4200 PLANTS		6	1.2	0	74		74
4200 FUNGI		1	0.2	0	14,271		14,271
TOTAL		13	9.6	0	611,311		611,311

CLASSIFICATION CATEGORY		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH SACS SYS 1977	AMOUNT 1977
0400 OTHER HOUSEHOLD PROJECT		1	0.4	0	27,496		27,496
1200 WHEAT		1	0.0	0	320		320
1900 OTHER SMALL GRAINS		11	5.3	0	572,161		572,161
2000 CEREAL CROPS		1	0.1	0	15,535		15,535
2900 DAIRY		1	0.1	0	20,055		20,055
3000 BEER CATTLE		2	0.6	0	62,551		62,551
3100 DAIRY CATTLE		1	0.1	0	8,767		8,767
3200 PIGS		2	1.0	0	57,661		57,661
3900 OTHER ANIMALS		2	0.2	0	23,421		23,421
4000 BIRD		2	3.2	0	35,131		35,131
4100 PEOPLE AS INDIVIDUALS, FAMILIES, COMMUNITARIANS, RELIG		1	0.2	0	14,142		14,142
TOTAL		27	8.6	0	845,662		845,662

CLASSIFICATION CATEGORY		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH SACS SYS 1977	AMOUNT 1977
0100 SOIL AND LAND		2	0.1	0	36,892		36,892
0900 CITRUS AND TROP FRUIT		4	0.3	0	112,877		112,877
1200 FRUIT AND VEGETABLES		1	0.4	0	2,524		2,524
1900 WHEAT		2	0.6	0	21,962		21,962
2000 CEREAL CROPS		2	0.4	0	14,599		14,599
2900 DAIRY		5	1.9	0	109,581		109,581
3000 BEER CATTLE		2	1.6	0	82,246		82,246
3100 DAIRY CATTLE		1	0.1	0	9,727		9,727
3200 PIGS		4	1.3	0	91,443		91,443
3900 OTHER ANIMALS		2	1.1	0	78,012		78,012
4000 BIRD		2	0.1	0	69,967		69,967
TOTAL		31	9.3	0	627,830		627,830

CLASSIFICATION CATEGORY		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/ST/CA WITH SACS SYS 1977	AMOUNT 1977
2100 MEYERBERG		1	0.1	0	217,217		217,217
TOTAL		1	0.1	0	217,217		217,217

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALIATED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AFO 1
0100 SOIL AND LAND	3	1.1	3	47,495	*	47,
0200 WATER	2	5.9	3	179,267	*	179,
0900 WILDLIFE AND FISH	3	6.3	3	34,124	*	39,
3400 FRAMUTS	2	2.3	0	52,470	*	52,
3000 BEEF CATTLE	1	0.5	0	25,297	*	25,
1000 PLOD	3	1.4	0	32,636	*	32,
4000 PEOPLE AS INDIVIDUAL	5	2.2	3	75,253	*	75,
TOTAL	25	13.5	9	441,761	*	441,7

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - FT. VALLEY COL POST VALLEY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALIATED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AFO 1
0100 SOIL AND LAND	1	0.2	0	4,935	*	4,9
1000 FRUIT NUTS DECIDUOUS	2	2.1	0	112,757	*	112,7
1200 VEGETABLES	3	1.2	0	50,516	*	50,5
1400 CCAH	1	6.2	0	3,252	*	3,2
2100 SOYBEANS	3	1.3	0	84,862	*	84,8
2500 POULTRY	1	0.3	0	13,044	*	13,0
1000 BEEF CATTLE	2	0.6	0	55,674	*	55,6
3200 SWINE	1	6.5	0	43,616	*	43,6
3100 SHEEP AND WOOL	1	0.2	0	17,443	*	17,4
3400 OTHER ANIMALS	1	0.3	0	37,845	*	37,8
3600 FARM SUPP & FACILITIES	3	3.6	0	276,504	*	276,5
3800 PLOD	2	1.3	0	57,884	*	57,8
4000 PEOPLE AS INDIVIDUAL	3	0.4	0	49,347	*	49,3
4100 FAMILY MEMBERS	3	2.0	0	93,672	*	93,6
4200 FARM AS BUSINESSES	1	1.4	0	64,432	*	64,4
6100 WILDS	1	0.1	0	12,120	*	12,1
6700 PLANTS	2	0.5	0	36,243	*	36,2
TOTAL	32	16.4	9	1,017,107	*	1,017,1

TABLE II-E SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - MI STATE COLL FRANKFURT

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALIATED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AFO 1
3800 PLOD	23	4.5	0	327,787	*	327,7
4000 PEOPLE AS INDIVIDUAL	21	4.3	0	300,064	*	300,0
4100 FAMILY MEMBERS	3	1.7	0	51,561	*	51,5
4300 SCC POLIT ORGANIZ	1	0.1	0	52,812	*	52,8
TOTAL	48	10.6	0	732,226	*	732,2

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SOUTHERN UNIV BATON ROUGE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ALIATED (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/GT/CA SYS 1977	WITH S AFO 1
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CLASSIFICATION CATEGORY	OF PROJ	SCIENTIST YEARS 1977	REG. FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/HT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	1	0.3	0	36,590	*	28,150
0400 WILDLIFE AND FISH	1	0.2	0	46,700	*	27,780
2000 FORAGE CROPS	1	0.3	0	45,866	*	42,230
2400 SOYBEANS	6	6.9	0	233,552	*	170,640
2900 QUALITY	1	0.2	0	13,940	*	7,840
3200 SWINE	3	3.5	0	27,750	*	25,570
4300 PEOPLE AS INDIVIDUAL	4	0.7	0	45,661	*	31,430
4100 FAMILY MEMBERS	7	0.3	0	152,790	*	127,810
4200 FARM AS BUSINESS	1	6.1	0	11,660	*	5,570
9300 SOC. SCIT. ORGANIZ	2	0.3	0	4,720	*	2,290
4700 PLANTS	1	0.1	0	22,821	*	19,770
TOTAL	30	3.7	0	626,442	*	492,420

TABLE 17-3 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - ALCONY AGR. LCPHAN

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG. FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/HT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	2	0.6	0	17,761	*	37,760
0200 WATER	1	0.2	0	18,172	*	18,170
0400 WILDLIFE AND FISH	1	0.0	0	4,074	*	4,290
1000 OTHER SMALL GRAINS	1	0.2	0	34,644	*	36,640
1400 PASTURE	1	0.1	0	4,467	*	4,460
2000 FORAGE CROPS	1	0.1	0	4,467	*	4,460
3000 DEER CATTLE	2	7.4	0	29,516	*	28,910
3200 SWINE	1	0.2	0	10,057	*	13,050
3700 CLOTHING & TEXTILES	2	0.1	0	17,114	*	17,110
3800 FOOD	1	0.1	0	26,038	*	26,030
3900 HOUSING & EQUIP	2	0.0	0	41,144	*	41,140
4000 PEOPLE AS INDIVIDUAL	4	1.4	0	76,143	*	76,140
4100 SOC. SCIT. ORGANIZ	1	0.0	0	24,675	*	24,670
(500) INVESTMENTAL	1	0.0	0	9,980	*	9,980
4000 ANIMALS (VERTEBRATES)	1	0.0	0	9,980	*	9,980
TOTAL	25	9.1	0	364,406	*	364,400

TABLE 11-11 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - LINCOLN UNIV. JEFFERSON CITY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG. FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/HT/CA SYS 1977	WITH SAE AMOUNT 1977
2100 SOYBEANS	1	1.0	0	99,134	*	45,130
3000 DEER CATTLE	2	1.0	0	17,659	*	17,650
3100 DAIRY CATTLE	2	0.4	0	22,654	*	22,650
3200 SWINE	1	2.3	0	41,771	*	41,770
3300 SHEEP AND WOOL	1	0.9	0	35,465	*	35,460
3400 OTHER ANIMALS	1	0.0	0	1,230	*	1,230
3600 FOOD	1	3.2	0	68,407	*	68,400
4300 PEOPLE AS INDIVIDUAL	0	6.0	0	264,804	*	204,800
4100 FAMILY MEMBERS	4	1.1	0	61,024	*	61,020
TOTAL	30	17.3	0	502,154	*	502,150

TABLE 11-12 SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - AG TECH. CO. GREENSBORO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	REG. FED APPR/ CSRS ADMSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COM/HT/CA SYS 1977	WITH SAE AMOUNT 1977
0100 SOIL AND LAND	5	1.7	0	216,052	*	216,050
	2	0.7	0	44,690	*	44,690

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED FED APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/ST/ SYS 1977
1100 COTTON	1	0.0	0	29,585	*
TOTAL	1	0.0	0	29,585	*

TABLE 11-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - LANGSTON UNIV LANGSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED FED APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/ST/ SYS 1977
0100 SOIL AND LAND	4	1.0	0	15,030	*
0200 WATERS	4	0.0	0	35,933	*
0300 WATERBORNE FISHES	3	1.5	0	62,381	*
0500 RECREATION RESOURCES	1	0.2	0	8,116	*
1800 OTHER SMALL WATERS	1	0.1	0	13,476	*
2100 COTTON	1	5.2	0	221,530	*
2400 PPMUTS	1	1.0	0	79,386	*
4000 PEOPLE AS INDIVIDUAL	1	0.0	0	1,295	*
TOTAL	22	11.6	0	497,164	*

TABLE 11-C SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - PENNSYLVANIA KENNETH SQUARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED FED APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/ST/ SYS 1977
1000 BEEF CATTLE	1	0.0	0	54,210	*
TOTAL	1	0.0	0	54,210	*

TABLE 11-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY COMMODITY - SC STATE COLL ORANGEBURG

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1977	FED FED APPR/ CSRS ADMINSTRD (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA CON/ST/ SYS 1977
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TABLE 1.- SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY AGENCY				NATIONAL TOTAL USDA RESEARCH AGENCIES		
	NO. OF PAGES	SCIENTIFIC YEARS 1977	REG. FEE APPR/ CSRS REVENUE (000000) 1977	TOTAL FUNDS (000000) 1977	USDA COM/GT/CA FUNDS 1977	WITH S ARC 1
AGRICULTURAL RESEARCH SERV	2495	3056.0	276,395,311	292,956,342	69.0	4,333,
COOPERATIVE STATE FFS SERV	277	0.0	21,533,316	21,703,336	3.0	21,903,
FORESTAL RESEARCH SERVICE	251	458.3	27,416,114	28,054,686	1.2	179,
FAIRM COOPERATIVE SERVICE	36	21.1	943,935	945,109	0.0	
U.S. FOREST SERVICE	240	451.5	86,332,470	92,413,300	0.0	
TOTAL	3101	4396.5	412,977,596	436,272,173	70.2	26,416,

TABLE II-P SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	-SABR REGION 1 NORTHEAST REGION (INCLUDES SABR-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1977	USDA CON/ST/CA SYS 1977	WITH JAR AMOUNT 1977
CONNECTICUT	NEW HAVEN	31	39.1	515,976	1,881,237	*	
CONNECTICUT	STORRS	70	11.1	606,782	2,698,921	*	44,3
DIST OF COLUM	WASHINGTON	3	0.6	120,525	120,529	*	
DELAWARE	NEWARK	12	21.4	764,937	2,150,090	*	17,6
MASSACHUSETTS	AMHERST	36	17.4	1,349,926	3,181,167	*	86,8
MARYLAND	COLLEGE PA	191	72.6	4,957,782	5,265,062	*	47,1
MAINE	OSONO	127	61.1	1,256,967	4,115,623	*	123,1
NEW HAMPSHIRE	DURHAM	51	27.9	1,826,692	1,803,712	*	15,1
NEW JERSEY	NEW BRUNSW	227	101.5	1,546,171	8,959,401	*	216,4
NEW YORK	ITHACA	637	244.5	2,547,711	21,236,711	*	396,6
NEW YORK	GENEVA	150	69.2	421,021	4,227,371	*	232,9
PENNSYLVANIA	COLLEGE PA	298	112.1	3,201,769	10,113,915	*	276,6
RHODE ISLAND	KINGSTON	73	18.4	713,631	2,090,171	*	31,3
VERMONT	BURLINGTON	46	22.8	925,967	1,852,934	*	101,9
WEST VIRGINIA	MORGANTOWNE	45	38.5	1,702,373	3,870,251	*	26,6
SUBTOTAL - SABR		2224	563.6	18,405,497	71,242,419	*	1,621,6
DRI STATE COL	ROVER	7	2.1	0	114,397	*	314,3
MD. STATE COL	PRINCESS A	22	3.7	0	626,442	*	492,4
NEW YORK	YONKERS	1	0.3	0	23,485	*	10
PENNSYLVANIA	EFFRETTE SQ	1	0.0	0	50,110	*	87,0
SUBTOTAL - CCI		31	5.9	0	1,324,834	*	851,9
FORESTRY SCH	SYRACUSE	56	31.7	136,946	1,696,917	*	115,7
FORESTRY SCH	BURLINGTON	5	3.1	118,300	264,204	*	
SUBTOTAL - FORTY SCH		64	36.4	246,126	1,960,101	*	115,7
TOTAL		2319	1053.2	18,712,123	76,207,254	*	2,591,2

TABLE II-P SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ CSRS ADJUSTED (GROSS) 1977	-SABR REGION 2 SOUTHERN REGION (INCLUDES SABR-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1977	USDA CON/ST/CA SYS 1977	WITH JAR AMOUNT 1977
ALABAMA	AUBURN	217	156.7	2,726,892	13,029,456	*	297,04
ARKANSAS	FAYETTEVILLE	269	97.0	2,130,534	10,654,259	*	182,44
FLORIDA	GAINESVILLE	584	368.4	1,789,177	28,151,576	*	960,62
GEORGIA	ATHENS	330	167.5	2,067,009	15,529,315	*	193,01
KENTUCKY	LEXINGTON	107	101.1	2,625,741	8,842,700	*	112,17
LOUISIANA	BATON ROUGE	456	239.6	1,951,254	15,137,260	*	272,33
MISSISSIPPI	STATE COL	258	187.9	2,600,247	13,095,719	*	486,56
NORTH CAROLINA	RALEIGH	522	203.5	3,977,819	23,745,612	*	422,42
OKLAHOMA	STILLWATER	237	99.6	1,840,255	9,154,047	*	225,55
Puerto Rico	RIO PIERNA	107	133.4	2,511,495	7,982,105	*	121,22
SOUTH CAROLINA	CLERMONT	290	97.6	1,570,888	9,073,007	*	174,84
TENNESSEE	KNOXVILLE	221	101.0	2,875,309	8,956,633	*	
TEXAS	COLLEGE ST	514	272.6	3,152,566	25,664,720	*	1,806,70
VIRGINIA	BLACKSBURG	249	162.3	2,575,592	13,390,162	*	415,56
VIRGIN ISLANDS	ST. THOMAS	8	6.5	156,438	197,069	*	
SUBTOTAL - SABR		4420	2311.9	36,261,026	201,679,252	*	4,793,58
ALA TUSKEGEE	TUSKEGEE	56	3.6	0	611,311	*	611,31
ALA A&M	NORMAL	19	3.6	0	845,662	*	805,66
ARK A&M	PINE BLUFF	26	3.3	0	627,830	*	627,83
FLORIDA A&M	TALLAHASSEE	13	13.5	0	491,761	*	491,76
FL. VALLEY COL	PORT VALLER	20	16.4	0	1,617,107	*	1,017,10
KY STATE COL	FRANKFORT	31	15.6	0	732,226	*	732,22
SOUTHERN UNIV	BATON ROUGE	25	7.4	3	804,096	*	804,09
ALABAMA A&M	LOXLEY	17	3.1	0	366,406	*	366,40
AL TPCN SC	GERRYNSHORE	20	8.9	0	929,267	*	929,26
LANGSTON UNIV	LANGSTON	10	11.6	0	497,169	*	497,16
SC STATE COL	ORANGEBOURG	18	7.6	0	270,619	*	270,61
TENN A&M IND	NASHVILLE	29	6.9	0	752,836	*	752,83
PRAIRIE VM A&M	PRAIRIE VI	25	3.6	0	926,225	*	926,22

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ USFS AGENCIES (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COR/UT/CA WITH SYS 1977	AMOUNT 1977
ALASKA	FAIRBANKS	21	16.3	549,731	1,626,337	*	
ILLINOIS	URBANA	306	163.7	2,969,390	12,093,761	*	174,150
INDIANA	LAFAYETTE	335	176.5	2,711,513	15,966,957	*	447,310
IOWA	AMES	117	116.6	3,053,564	15,769,101	*	847,800
KANSAS	MANHATTAN	565	185.6	1,674,210	14,700,960	*	185,160
KENTUCKY	LASSIKIN	433	160.3	2,710,801	16,225,043	*	1,062,410
MINNESOTA	ST PAUL	309	160.0	2,710,200	16,131,451	*	105,720
MICHIGAN	COLUMBIA	120	116.7	2,158,691	11,533,658	*	675,010
NORTH DAKOTA	FARGO	265	115.7	1,347,929	8,732,306	*	277,540
NEBRASKA	LINCOLN	223	104.2	1,541,231	16,866,295	*	1,355,160
OHIO	WOOSTER	335	117.0	3,267,878	15,561,187	*	364,270
SOUTH DAKOTA	BROOKINGS	175	61.0	1,469,605	6,519,777	*	110,020
WISCONSIN	MADISON	497	161.2	2,861,862	17,365,635	*	222,740
SUBTOTAL - SABS		3962	1726.4	30,655,683	173,418,668	*	6,031,750
LINCOLN UNIV	JEFFERSON	20	17.1	0	502,156	*	502,156
SUBTOTAL - OCI		20	17.1	0	502,156	*	502,156
FORESTRY SCH	FAIRBANKS	5	1.0	135,628	135,628	*	
FORESTRY SCH	CAIRO/DALE	33	4.3	73,633	371,044	*	55,620
FORESTRY SCH	ANN ARBOR	47	5.3	94,442	317,420	*	16,000
FORESTRY SCH	LACONIA	33	13.9	58,050	880,453	*	
SUBTOTAL - FORESTRY SCH		115	24.5	362,253	1,602,965	*	73,620
TOTAL		4077	1746.2	30,917,936	175,603,989	*	6,607,530

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1977 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1977	REG FED APPR/ USFS AGENCIES (GROSS) 1977	TOTAL FUNDS (GROSS) 1977	USDA COR/UT/CA WITH SYS 1977	AMOUNT 1977
ARIZONA	TUCSON	245	124.5	1,133,334	8,911,258	*	352,680
CALIFORNIA	BERKELEY	1377	598.4	3,075,630	55,407,100	*	1,510,740
COLORADO	FT COLLINS	157	163.4	3,396,320	10,867,321	*	73,460
GUAM	AGANA	9	1.6	474,001	474,001	*	0
HAWAII	KOHOLAHE	233	95.1	810,176	6,023,630	*	461,960
IDAHO	BOZEMAN	168	76.4	1,167,532	6,449,687	*	296,510
MONTANA	BOZEMAN	170	65.3	1,180,625	7,486,235	*	216,620
NEVADA	RENO	34	34.7	721,677	2,905,329	*	104,320
NEW MEXICO	UNIV PARK	131	80.9	1,039,591	3,647,540	*	65,500
OREGON	OREVALLIS	330	134.4	1,547,108	11,026,212	*	217,960
UTAH	LOGAN	143	61.4	1,379,291	5,067,266	*	192,610
WASHINGTON	PULLMAN	332	127.4	2,332,556	13,543,139	*	300,840
WYOMING	LARAMIE	54	47.1	551,944	2,890,355	*	71,450
SUBTOTAL - SABS		3127	1557.0	16,561,674	145,847,080	*	3,474,770
COLORADO	BOULDER	1	0.1	0	217,217	*	11,250
UTAH	PROVO	1	0.2	0	23,070	*	0
SUBTOTAL - OCI		2	0.3	0	241,097	*	11,250
FORESTRY SCH	FLAGSTAFF	10	3.2	44,165	110,265	*	0
FORESTRY SCH	APCATA	8	0.6	24,700	59,263	*	0
FORESTRY SCH	FT COLLINS	23	3.7	152,103	346,516	*	2,470
FORESTRY SCH	POSCO	96	25.6	193,397	2,379,256	*	304,150
FORESTRY SCH	MISSOULA	16	4.5	162,533	664,230	*	0
FORESTRY SCH	CONVALLIS	111	42.4	299,324	3,113,778	*	126,920
FORESTRY SCH	SEATTLE	29	45.5	162,496	4,450,878	*	219,120
SUBTOTAL - FORESTRY SCH		233	125.2	1,426,524	11,217,512	*	654,670
TOTAL		3319	1683.3	17,990,202	157,327,697	*	4,540,700

-SABS REGION 4 WESTERN REGION
(INCLUDES SABS-FORESTRY SCH-OTHER INST)
TOTAL FUNDS
(GROSS)
1977

BY	COMMODITY										OF 1977 EUSES BY SOURCE - IN THOUSANDS OF DOLLARS										EXCLUSIVE OF 11-480 AND AID FUNDS			
NO OF PROC	MAPPE		YEARS		228	IN C	5 C	OTHER	SE	FO	01	10	FOREST	OTHER	TOTAL USDA APPR	OTHER FUND	NON- FED FUND	TOTAL						
	SYS	PROF	TECH	OTHER	HOUSE	SALES	INVT	CMPT	315	010	010	SERV	USDA											
222	16.6	4.2	3.7	285.7	11263	1279	3	0	0	0	0	0	0	18550	1401	28	16018							
214	152.9	1.9	2.3	283.9	12631	158	0	0	0	0	0	0	0	12889	2150	189	15188							
100	169.8	8.4	60.5	225.4	15495	117	29	0	0	0	0	0	0	16446	2886	13	15347							
24	19.5	0.1	3.8	18.5	1494	18	0	0	0	0	0	0	0	1540	101	0	1641							
18	24.7	6.8	8.5	10.0	2722	236	0	0	0	0	0	0	0	1567	146	0	3713							
247	768.7	116.4	455.0	253.2	61063	1159	0	0	0	0	0	0	0	66664	3952	80	12736							
86	72.5	1.4	10.7	105.2	6846	325	0	0	0	0	0	0	0	7304	292	13	7690							
36	54.6	5.1	26.4	20.9	4157	436	0	0	0	0	0	0	0	4965	415	0	5377							
92	89.3	0.0	0.0	216.3	6150	226	7	0	0	0	0	0	0	8382	249	96	8727							
178	129.5	0.0	0.0	255.5	11380	424	82	0	0	0	0	0	0	11585	236	65	11889							
64	15.6	0.0	0.0	60.0	3752	275	50	0	0	0	0	0	0	4116	86	10	4222							
232	124.2	0.1	0.0	217.2	13634	1415	192	0	0	0	0	0	0	12012	227	40	12280							
59	77.3	0.0	0.0	140.1	4138	281	0	0	0	0	0	0	0	4116	217	49	4604							
295	127.7	0.0	0.0	194.3	5085	333	0	0	0	0	0	0	0	9415	182	7	9606							
110	75.2	0.0	0.0	38.4	1977	126	0	0	0	0	0	0	0	2104	133	9	2245							
73	28.6	0.0	0.0	26.5	2583	24	24	0	0	0	0	0	0	2135	60	11	2205							
180	128.4	0.1	0.0	212.5	9552	414	24	0	0	0	0	0	0	9540	160	5	10105							
113	41.8	0.0	0.0	62.5	3036	718	0	0	0	0	0	0	0	3954	119	0	4073							
24	10.0	0.0	0.0	16.0	912	121	0	0	0	0	0	0	0	1033	28	3	1064							
158	151.7	0.0	0.0	164.1	9056	467	29	0	0	0	0	0	0	8552	207	1	8760							
216	266.0	0.0	0.0	503.6	21380	427	55	0	0	0	0	0	0	22663	161	75	21099							
38	30.5	0.0	0.0	57.1	2287	1	0	0	0	0	0	0	0	2248	0	9	2297							
174	118.9	0.1	0.0	231.2	8855	1814	11	0	0	0	0	0	0	10740	151	7	10877							
60	42.2	0.0	0.0	55.0	3018	242	24	0	0	0	0	0	0	3364	127	0	3431							
43	10.4	0.0	0.0	38.2	1625	0	0	0	0	0	0	0	0	1625	1	0	1627							
62	50.6	0.0	0.0	115.5	4116	738	140	0	0	0	0	0	0	5001	191	21	5214							
67	33.3	0.0	0.0	152.7	7025	72	116	0	0	0	0	0	0	5288	83	60	5391							
43	39.4	0.0	0.0	70.9	2466	14	105	0	0	0	0	0	0	2455	101	3	2166							
158	105.2	0.0	0.0	311.6	19076	306	0	0	0	0	0	0	0	11263	296	7	11566							
262	199.6	0.0	0.0	593.6	22424	1326	33	0	0	0	0	0	0	23785	343	3	24131							
210	139.5	0.0	0.0	460.4	15907	1290	72	0	0	0	0	0	0	17269	297	0	17567							
155	84.5	0.0	0.0	279.3	10706	993	0	0	0	0	0	0	0	11699	167	1	12066							
138	81.8	0.0	0.0	156.4	7765	107	0	0	0	0	0	0	0	7912	41	1	7954							
46	17.7	0.0	0.0	64.2	2356	56	5	0	0	0	0	0	0	2447	13	1	2461							
26	33.9	0.0	0.0	50.4	2444	68	14	0	0	0	0	0	0	2568	26	0	2594							
17	29.1	0.0	0.0	17.6	1466	214	4	0	0	0	0	0	0	1778	0	0	1778							
4	5.0	0.0	0.0	3.1	224	34	0	0	0	0	0	0	0	2511	0	0	254							
93	111.4	0.0	0.0	104.1	9616	394	240	0	0	0	0	0	0	15031	3033	22	16107							
56	14.4	0.0	0.0	45.9	2623	0	0	0	0	0	0	0	0	2672	1605	0	4282							
103	14.6	0.0	0.0	169.0	1933	2625	101	0	0	0	0	0	0	9659	342	17	10016							
27	14.6	0.0	0.0	14.1	1313	1724	0	0	0	0	0	0	0	1737	0	0	2737							
11	15.6	0.0	0.0	11.7	1850	117	0	0	0	0	0	0	0	2107	0	0	2087							
34	19.3	1.5	2.0	13.1	1631	563	0	0	0	0	0	0	0	2219	198	0	2417							
15	35.9	0.0	0.0	25.6	1563	67	0	0	0	0	0	0	0	3635	45	15	3695							
24	10.7	0.0	0.0	10.1	3802	0	0	0	0	0	0	0	0	3802	3	0	3805							
36	21.1	0.0	0.0	0.0	665	0	56	0	0	0	0	0	0	941	0	0	941							
18	1.2	0.0	0.0	2.5	213	0	0	0	0	0	0	0	0	213	115	0	326							
11	21.8	0.0	0.0	11.1	1292	210	0	0	0	0	0	0	0	1502	0	0	1502							
31	14.4	0.0	0.0	25.4	1161	262	0	0	0	0	0	0	0	1423	24	9	1459							
11	5.7	0.0	0.0	17.0	536	0	0	0	0	0	0	0	0	536	0	0	536							
14	5.8	0.0	0.0	8.2	429	36	25	0	0	0	0	0	0	465	0	0	489							
4	2.9	0.0	0.0	1.4	149	225	0	0	0	0	0	0	0	174	0	0	374							
12	117.1	0.0	0.0	206.0	5390	114	0	0	0	0	0	0	0	9509	137	0	9646							
30	14.4	0.0	0.0	36.4	1324	66	0	0	0	0	0	0	0	1410	59	0	1469							
274	150.0	0.0	0.0	210.4	12559	1879	111	0	0	0	0	0	0	15825	685	15	16530							
60	12.0	0.0	0.0	20.8	1631	153	1	0	0	0	0	0	0	1786	41	0	1827							
14	7.0	0.0	0.0	15.1	605	61	0	0	0	0	0	0	0	172	42	0	714							
1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	0	0	52	0	0	52							
5005	4496.9	151.8	504.1	7201.9	375256	26415	4533	11	0	0	0	0	0	412979	22394	895	436267							

CLASSIFICATION CATEGORY	90 OP PROJ	STAFF			SUPPORT YEARS			PER IN C C C A			SP	PB	SC	ED	FOST	OTHER	USDA	USDA AFF
		SYS	PROF	TECH	OTHER	HOUSE	SALES	C1	WT	015								
SERIES 100																		
101 APPRAIS OF SOIL RES	7	0.3	0.0	0.3	0.0	0	234	0	0	0	0	0	0	0	0	0	0	2
102 SOIL PLANT MTR NUTRI	106	80.8	0.0	1.2	176.8	4807	317	0	0	0	0	0	0	0	10	0	0	71
103 MGMT OF SALINE SOIL	19	22.6	0.0	0.0	50.1	1961	1400	0	0	0	0	0	0	0	0	0	0	21
104 AITERN USE OF LAND	17	0.7	0.0	0.0	5.7	1062	20	0	0	0	0	0	0	0	0	0	0	10
105 CONSERV USE OF WATE	64	57.1	0.0	0.0	105.0	4638	14	0	0	0	0	0	0	0	12	0	0	36
106 DRAIN AND IRRIGATIO	44	15.6	0.0	0.0	77.4	3146	32	0	0	0	0	0	0	0	0	0	0	31
107 WATERSHED MGT & MG	129	194.3	7.1	55.0	285.1	17559	178	24	0	0	0	0	0	0	0	0	0	104
108 POON LET PLOR C3 AC	5	0.0	0.0	0.0	1.4	391	3	0	0	0	0	0	0	0	1	0	0	0
109 WEATHER ADAPT & MOD	10	0.0	0.0	0.0	7.6	385	25	0	0	0	0	0	0	0	0	0	0	0
110 APPRAIS FORST & FAN	12	07.6	0.0	0.0	15.7	7375	6	0	0	0	0	0	0	0	284	0	0	7
111 STOL CULT MGMT FORG	69	131.9	13.2	128.8	46.3	13760	107	0	0	0	0	0	0	0	672	0	0	145
112 IMPROY RANGE FESG	37	42.0	0.0	0.0	5.6	4056	291	0	0	0	0	0	0	0	37	0	0	44
113 FERTILIZING	6	5.0	0.0	0.0	19.5	611	26	0	0	0	0	0	0	0	0	0	0	6
SUBTOTAL	543	712.1	73.7	230.6	873.2	61595	1398	24	0	0	0	0	0	0	1665	0	0	665
SERIES 200																		
201 CNTRL FORST INSECTS	62	116.4	12.1	76.4	36.1	13178	966	0	0	0	0	0	0	0	1206	0	0	123
202 CNTRL FOREST FIS	24	59.3	7.9	40.6	17.0	9863	50	0	0	0	0	0	0	0	115	0	0	50
203 FOREST FIRE PROTECT	20	18.7	10.5	11.4	17.6	6026	0	0	0	0	0	0	0	0	773	0	0	67
204 CNTR PESTS FST & VE	100	89.4	0.0	0.0	193.3	6667	383	0	0	0	0	0	0	0	0	0	0	70
205 CNTR PESTS FST & VE	118	0.9	0.0	0.0	128.9	4995	520	21	0	0	0	0	0	0	0	0	0	54
206 CNTR PESTS FST & VE	29	8.0	0.0	0.0	17.1	751	164	0	0	0	0	0	0	0	0	0	0	11
207 CNTR PESTS FLD CROP	205	154.4	0.0	0.0	374.4	14040	637	0	0	0	0	0	0	0	0	0	0	146
208 CNTR DIS FELD CROP	219	116.7	0.0	0.0	268.6	10523	650	202	0	0	0	0	0	0	110	0	0	110
209 CNTR WEEDS FLD CROP	49	51.2	0.0	0.0	80.9	4283	367	0	0	0	0	0	0	0	0	0	0	45
210 CNTR PESTS ANIMALS	25	13.8	0.0	0.0	95.3	3533	43	21	0	0	0	0	0	0	0	0	0	35
211 CNTR DIS ANIMALS	146	145.1	0.0	0.0	774.7	21561	536	29	0	0	0	0	0	0	0	0	0	245
212 CNTR INTER PARASITE	27	15.5	0.0	0.0	134.6	4495	23	0	0	0	0	0	0	0	0	0	0	45
213 PANT ANALS INCM TOX	32	29.4	0.0	0.0	9.7	35.0	3904	10	41	0	0	0	0	0	0	0	0	39
214 PROTECT FROM POLLUT	24	14.6	1.4	6.3	16.7	2196	278	0	0	0	0	0	0	0	145	0	0	26
SUBTOTAL	1126	969.3	31.3	154.4	2229.1	130275	5247	327	0	0	0	0	0	0	2239	0	0	1000
SERIES 300																		
301 NEWET BREED FORST T	12	35.4	1.5	39.6	11.2	1261	0	0	0	0	0	0	0	0	25	0	0	32
302 IMP POPOST ENG SIS	6	14.1	5.5	6.3	6.6	1534	0	0	0	0	0	0	0	0	0	0	0	18
303 EONEN TIMBER PROUCT	5	10.9	0.4	0.0	3.9	692	0	0	0	0	0	0	0	0	29	0	0	7
304 IMP BIO PPF FST & V	106	61.3	0.0	0.0	130.5	4837	742	304	0	0	0	0	0	0	0	0	0	50
305 MECH FOOD PNT & VER	18	14.0	0.0	0.0	20.5	1024	0	0	0	0	0	0	0	0	0	0	0	14
306 PROO MNT SYS F & V	3	0.0	0.0	0.0	2.9	68	0	0	0	0	0	0	0	0	0	0	0	0
307 IMP BIO PPF FLD CRO	312	178.0	0.0	0.0	356.5	14687	2833	142	0	0	0	0	0	0	0	0	0	176
308 MECH PROO FLD CRO	49	18.8	0.0	0.0	80.5	3464	23	0	0	0	0	0	0	0	0	0	0	34
309 PROO MNT SYS FLD C	14	6.7	0.0	0.0	9.4	567	11	0	0	0	0	0	0	0	0	0	0	6
310 ANIMAL REPRODUCTION	50	15.9	0.0	0.0	67.1	5276	615	57	0	0	0	0	0	0	0	0	0	59
311 IMP BIO PPF ANNL PR	99	55.7	0.0	0.0	204.9	3649	1498	0	0	0	0	0	0	0	0	0	0	101
312 ENV CURESS IN ANNL	10	10.6	0.0	0.0	21.4	1168	0	0	0	0	0	0	0	0	0	0	0	11
313 PROO MNT SYS ANNL	16	4.3	0.0	0.0	13.5	692	474	0	0	0	0	0	0	0	0	0	0	11
314 BEES OTH POLINTHING	29	33.1	0.4	0.0	58.4	2466	68	14	0	0	0	0	0	0	0	0	0	25
315 INT STRUC FARM SUPP	28	6.2	0.0	0.0	12.7	526	238	0	0	0	0	0	0	0	0	0	0	7
316 FARM BUSINESS MGMT	1	0.0	0.0	0.0	0.0	0	77	0	0	0	0	0	0	0	0	0	0	0
317 MCHY/STRUCTS ANNL P	16	3.1	0.0	0.0	11.3	340	0	0	0	0	0	0	0	0	0	0	0	3
318 MCHY-CON BIO TECH/BI	177	207.4	0.0	0.0	402.2	16831	625	182	0	0	0	0	0	0	0	0	0	176
SUBTOTAL	959	719.9	7.4	48.7	1847.7	66122	7224	702	0	0	0	0	0	0	384	0	0	744
SERIES 400																		
401 NEW IMP POPOST PROO	27	113.5	23.3	81.0	18.3	9810	0	0	0	0	0	0	0	0	646	0	0	104
402 PROO F & V IMP ACCE	37	10.3	0.0	0.0	27.4	951	196	0	0	0	0	0	0	0	0	0	0	11
403 NEW & IMP POV PROO	44	77.5	0.0	0.0	108.0	5518	0	0	0	0	0	0	0	0	0	0	0	55
404 MNT QUAL PFS & VER	81	56.1	0.0	0.0	80.6	4084	28	0	0	0	0	0	0	0	0	0	0	41
405 PROO FLD CROP IMP A	139	75.7	0.0	0.0	139.2	5982	241	80	0	0	0	0	0	0	0	0	0	63
406 NEW IMP PCOO PLU CR	59	118.6	0.0	0.0	169.8	7688	0	0	0	0	0	0	0	0	0	0	0	76
407 NEW IMP MCHY-FOOD PC	53	96.9	0.0	0.0	172.2	6973	0	0	0	0	0	0	0	0	0	0	0	69
408 MNT QUAL FELD CROP	64	51.5	0.0	0.0	92.9	3835	34	25	0	0	0	0	0	0	0	0	0	38
409 PROO ANNL PR IMP AC	16	8.9	0.0	0.0	26.1	1477	46	0	0	0	0	0	0	0	0	0	0	15
410 IMP HEAT MILK EGG P	28	47.0	0.0	0.0	78.5	3302	0	0	0	0	0	0	0	0	0	0	0	33
411 IMP NON-FOOD ANNL P	18	40.0	0.0	0.0	57.8	2808	0	0	0	0	0	0	0	0	0	0	0	28
412 MNT QUAL ANIMAL PRO	17	10.9	0.0	0.0	20.9	856	116	0	0	0	0	0	0	0	0	0	0	9
SUBTOTAL	583	701.0	20.4	81.2	989.4	51207	666	111	0	0	0	0	0	0	646	0	0	546
SERIES 500																		
501 IMP GRADES & STANDS	27	25.3	0.0	0.0	59.1	2622	41	0	0	0	0	0	0	0	0	0	0	26
502 MNTG TIMBER PROUCT	11	35.6	2.2	8.9	10.8	2182	0	0	0	0	0	0	0	0	242	0	0	23
503 MNTG PPF AGRI PROES	87	62.5	0.0	0.0	59.7	3790	443	0	0	0	0	0	0	0	0	0	0	42
506 SPIL DEMAND AND PPI	44	87.2	0.0	0.0	58.8	4932	90	0	0	0	0	0	0	0	0	0	25	50
507 COMP RES IN AGRIC	9	12.1	0.0	0.0	3.1	403	30	0	0	0	0	0	0	0	0	0	0	0
508 DOMESTIC MNT DEVELP	9	13.7	0.0	0.0	7.6	755	15	0	0	0	0	0	0	0	0	0	0	7
509 PEPFORMANCE MNTG SY	46	62.9	0.1	0.0	31.8	3606	172	9	0	0	0	0	0	0	0	0	0	37
510 GROUP ACT MNT POWER	37	21.1	0.0	0.0	0.0	885	15	56	0	0	0	0	0	0	0	0	0	9
511 IMP AGRIC STATISTIC	2	3.9	0.0	0.0	2.0	199	186	0	0	0	0	0	0	0	0	0	0	0
512 IMP GRADES PRST PRO	2	10.0	0.5	5.5	3.5	663	0	0	0	0	0	0	0	0	0	0	0	6
513 PRICE ANAL PPSST PRO	3	8.6	2.0	0.5	2.9	555	0	0	0	0	0	0	0	0	37	0	0	5
SUBTOTAL	277	342.0	4.2	14.9	239.3	20571	916	65	0	0	0	0	0	0	283	25	0	210
SERIES 600																		
601 PGN MNT DEVELP	24	80.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	0	0	0	0	0	30
603 TRCN AID DEV CRTV	18	15.6	0.0	0.0	2.2													

BY PROJECT AREA OP 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF F2-680 AND AID FUNDS

NO OF PROJ	SYS	STAFF				FED 13 HOUSE	C SALES	G CH	CA CT	GMBB 015	SP 015	PL 015	SCEST SERV	OTHER USIA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.D. FED	SUPPORT TECH	YEARS OTHER														
13	14.7	1.0	6.0	12.1	1099	0	3	0	3	16	0	1115	253	0	1160			
12	4.6	0.0	0.0	9.7	345	689	0	0	0	0	0	1036	0	0	1036			
5	0.0	0.0	0.0	0.0	0	374	0	0	0	0	0	374	0	0	374			
11	5.6	0.8	0.5	0.5	345	347	0	0	0	0	0	693	0	0	693			
6	0.0	0.0	0.0	0.0	0	750	0	0	0	0	0	750	0	0	750			
13	15.1	0.0	0.0	0.7	1284	232	0	0	0	0	0	1516	0	0	1516			
22	24.9	0.0	0.0	37.6	4991	100	0	0	0	0	0	5059	11	15	5125			
16	76.1	0.0	0.0	13.9	1375	14	0	0	0	0	0	1385	45	0	1434			
100	111.4	1.8	6.5	12.4	9444	2506	5	0	0	0	0	11974	309	15	12296			
157	197.1	1.0	7.3	297.0	16813	788	0	0	0	137	0	15738	1071	62	16693			
12	16.2	3.9	3.2	8.1	1312	236	0	0	0	267	0	1814	79	0	1892			
5	10.5	1.0	0.2	5.6	860	0	0	0	0	621	0	1486	143	0	1631			
41	47.0	3.7	27.5	17.0	1970	313	0	0	0	371	0	4452	192	0	5044			
18	13.5	0.2	2.9	50.1	1796	181	0	0	0	0	0	1977	311	11	2095			
55	36.4	0.0	0.0	119.5	4088	141	0	0	0	0	0	4229	217	19	4494			
13	10.7	0.2	2.0	7.0	698	173	0	0	0	5	0	877	0	0	877			
24	18.6	0.4	0.0	6.1	913	259	0	0	0	0	0	1192	190	0	1390			
1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	52	0	0	52			
330	349.5	13.9	47.1	531.1	28527	2089	5	0	0	0	0	34907	2140	211	34368			
4341	4496.9	151.4	504.1	7203.0	375288	26415	4533	0	0	0	0	442979	22374	895	436266			

INVESTMENT OF AGRICULTURAL RESEARCH
AGRICULTURAL RESEARCH SERVICE

TABLE III-B-7 SUMMARY BY COMMODITY OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL FUND AMOUNT
		1. F. SUPPORT	2. F. PROF	3. F. TECH	4. F. CHIEF	5. F. C	6. F. CA	7. F. G	8. F. CH	9. F. G	10. F. D	
0100 SOIL AND LAND	167	133.3	*	*	223.2	11177	126	0	0	0	0	113
0200 WATER	176	133.2	*	*	257.8	11156	96	0	0	0	0	112
0300 WATERFRESHNESS NITR. BAS	67	12.5	*	*	205.9	7251	64	24	0	0	0	73
0400 AIR AND CLIMATE	17	8.7	*	*	15.4	731	18	0	0	0	0	7
0500 TEMPER. HUMID. PRODUCT	21	16.6	*	*	57.5	1902	11	0	0	0	0	16
0700 RANGE	64	44.8	*	*	102.3	4630	59	0	0	0	0	46
0800 WILDLIFE AND FISH	4	2.1	*	*	6.5	225	0	0	0	0	0	2
0900 CITRUS SUB TACT. FRUIT	75	84.1	*	*	212.4	7621	126	7	0	0	0	60
1000 FRUIT NUTS DECIDUOUS	160	114.2	*	*	254.7	10794	101	22	0	0	0	109
1100 POTATOES	51	53.5	*	*	79.0	1681	115	50	0	0	0	36
1200 VEGETABLES	198	136.0	*	*	213.3	5975	317	192	0	0	0	104
1300 CEREALS GRAIN THERM	54	37.3	*	*	160.1	4136	65	3	0	0	0	42
1400 CEREAL	166	120.3	*	*	150.3	6731	109	0	0	0	0	80
1500 GRAIN SOYBEAN	95	27.3	*	*	37.1	1016	0	0	0	0	0	11
1600 RICE	45	45.3	*	*	35.4	1921	23	24	0	0	0	19
1700 WHEAT	107	121.5	*	*	199.2	2154	62	24	0	0	0	92
1800 OTHER SMALL GRAINS	85	39.7	*	*	61.9	2927	10	0	0	0	0	29
1900 PASTURE	23	10.9	*	*	16.5	912	1	0	0	0	0	9
2000 FORAGE CROPS	140	59.6	*	*	162.1	7945	207	29	0	0	0	81
2100 COTTON	174	250.6	*	*	575.3	21427	67	52	0	0	0	215
2200 COTTONSEED	36	28.6	*	*	55.8	2165	0	0	0	0	0	21
2300 SOYBEANS	140	111.3	*	*	194.5	6943	203	31	0	0	0	86
2400 PEANUTS	69	41.3	*	*	64.4	2971	23	23	0	0	0	30
2500 OTHER OILSEED CROPS	32	20.1	*	*	18.0	1656	0	0	0	0	0	16
2600 TOBACCO	62	58.6	*	*	115.5	4116	738	146	0	0	0	50
2700 SUGAR CROPS	66	52.3	*	*	152.7	5325	9	166	0	0	0	52
2800 RICE WAX CROPS	41	19.4	*	*	10.8	2666	24	105	0	0	0	25
2900 PULP	132	57.3	*	*	334.2	10949	181	0	0	0	0	106
3000 BEEF CATTLE	229	116.5	*	*	536.3	21741	219	33	0	0	0	219
3100 DAIRY CATTLE	186	125.7	*	*	459.6	15152	241	72	0	0	0	154
3200 SWINE	127	75.5	*	*	274.5	13256	137	0	0	0	0	136
3300 SHEEP AND WOOL	29	17.1	*	*	155.2	7641	16	40	0	0	0	77
3400 OTHER ANIMALS	42	17.1	*	*	68.2	2356	7	5	0	0	0	3
3500 BEES AND HONEY	29	33.9	*	*	58.4	2466	68	14	0	0	0	25
3600 FARM SUPP. & FACILITIES	4	3.9	*	*	5.7	251	0	0	0	0	0	2
3700 CLOTHING & TEXTILES	4	5.9	*	*	3.8	224	34	0	0	0	0	2
3800 FOOD	62	53.4	*	*	169.0	6829	11	2642	0	0	0	96
3900 HUSING & EQUIP	47	23.5	*	*	42.5	1537	0	0	0	0	0	15
4000 PEOPLE AS INDIVIDUAL	66	59.3	*	*	160.3	5650	145	101	0	0	0	56
4100 FAMILY MEMBERS	5	5.1	*	*	12.7	418	0	0	0	0	0	4
4200 WITH MARKET PROCESS	7	2.3	*	*	1.5	192	0	0	0	0	0	1
4300 MARKETING SYSTEMS	2	0.3	*	*	9.3	37	0	0	0	0	0	0
4400 WEEDS	29	14.2	*	*	25.6	1161	31	0	0	0	0	11
4500 SPED. RESEARCH	11	5.7	*	*	17.3	536	0	0	0	0	0	5
4600 BIO CELL SYSTEMS	14	5.8	*	*	6.2	329	36	25	0	0	0	4
4700 INVERTEBRATES	60	117.1	*	*	206.0	9390	25	0	0	0	0	94
4800 MICROORGANISMS, VIRUS	36	14.4	*	*	36.5	1324	39	0	0	0	0	11
4900 PLANTS	139	144.9	*	*	279.0	12493	226	191	0	0	0	128
5000 ANIMALS (VERTEBRATES)	25	15.1	*	*	29.3	1540	10	1	0	0	0	15
5100 RSCH. EQUIP. & TECHNOL	11	6.3	*	*	15.3	559	30	0	0	0	0	5
TOTAL	3753	1066.0	*	*	6701.3	267661	4333	4171	0	0	0	2163

0-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF 51-260 AND

LOCATION	CP	PROJ	STAFF					HOUSE					OTHER					TOTAL		OTHER	FBI
			LYS	PROF	TECH	CHIEF	HOUSE	SAPS	CL	LG	015	010	SEPT	USCA	SEIA	ALTR	PUSD	FJMI			
T WFL WHIT	91	16.4	*	*	*	176.1	1635	91	3	0	0	0	0	0	6712	677	29				
USE OF SOIL	14	22.5	*	*	*	16.1	1953	39	0	0	0	0	0	1989	255	14					
USE OF WATE	62	16.4	*	*	*	105.1	4532	1	3	0	0	0	0	4245	1036	14					
REFFIGATION	41	15.6	*	*	*	77.4	3186	32	3	0	0	0	0	3178	347	0					
REFFIGATION	90	15.5	*	*	*	264.9	9365	34	24	0	0	0	0	9452	1779	20					
ADAPT & MOD	4	4.0	*	*	*	7.6	165	0	3	0	0	0	0	165	37	0					
AUGR PPSOR	46	22.5	*	*	*	73.5	3112	48	0	0	0	0	0	3169	53	0					
ENSING	7	5.0	*	*	*	12.5	611	4	3	0	0	0	0	616	35	0					
TOTAL	364	110.2	*	*	*	770.6	23756	265	23	0	0	0	0	10047	4191	19					
RETT INSECTS	9	6.3	*	*	*	8.2	352	0	0	0	0	0	0	362	467	0					
RETT VET & VE	11	45.1	*	*	*	193.3	6667	189	0	0	0	0	0	6647	169	16					
RETT VET & VEG	110	50.5	*	*	*	120.5	4985	275	23	0	0	0	0	5241	22	0					
RETT VET & VET	21	8.0	*	*	*	17.1	751	22	0	0	0	0	0	773	0	0					
RETT VET & VET	176	154.4	*	*	*	176.4	14330	259	3	0	0	0	0	14289	236	27					
RETT VET & VET	209	116.7	*	*	*	248.6	13923	177	232	0	0	0	0	11103	39	29					
RETT VET & VET	42	11.7	*	*	*	90.3	4203	206	1	0	0	0	0	4416	17	10					
RETT VET & VET	24	13.8	*	*	*	95.9	1533	43	21	0	0	0	0	1596	6	0					
RETT VET & VET	171	141.3	*	*	*	174.0	23561	635	24	0	0	0	0	24226	505	0					
RETT VET & VET	27	25.5	*	*	*	133.6	4392	23	1	0	0	0	0	4316	57	0					
RETT VET & VET	12	26.4	*	*	*	85.0	3904	19	41	0	0	0	0	3954	56	1					
RETT VET & VET	11	0.4	*	*	*	11.7	672	0	0	0	0	0	0	672	92	0					
TOTAL	554	717.0	*	*	*	2154.3	78966	1528	327	0	0	0	0	60221	1684	136					
RETT VET & VET	49	41.1	*	*	*	180.5	4837	43	306	0	0	0	0	5106	115	51					
RETT VET & VET	16	14.9	*	*	*	20.5	1024	9	0	0	0	0	0	1024	20	0					
RETT VET & VET	1	0.0	*	*	*	2.9	68	0	0	0	0	0	0	68	31	0					
RETT VET & VET	203	118.0	*	*	*	356.5	14647	139	145	0	0	0	0	14561	769	51					
RETT VET & VET	10	18.4	*	*	*	88.5	1464	9	0	0	0	0	0	1464	31						

PROBLEM AREA		CP 1977 FUNDS BY SOURCE - IN HUNDREDS OF DOLLARS										EXCLUSIVE OF FL-680 AND AID FUNDS			
NO OF COUNTRIES	STAFF F.H.S. REPORT YEARS	REG HOUSE	IN SAFE	C CA	G GE	E EP	P PC	S SP	D PD	FORST	OTHER	TOTAL USDA AFPR	OTHER FUNDS	NON-FED FUNTS	TOTAL
L RES	7	0.0	0.0	3.0	0.0	0	234	6	0	0	0	234	0	0	234
NUTRI	10	0.0	0.0	3.0	0.0	0	234	0	0	0	0	234	0	0	234
SOIL	4	0.0	0.0	0.0	0.0	0	161	0	0	0	0	161	0	0	161
LAND	1	0.0	0.0	3.0	3.0	0	50	0	0	0	0	50	0	0	50
WATER	1	0.0	0.0	3.0	3.0	0	9	0	0	0	0	9	0	0	9
C MG	3	0.0	0.0	0.0	3.0	0	134	0	0	0	0	134	0	0	134
K MOD	1	0.0	0.0	0.0	3.0	0	28	0	0	0	0	28	0	0	28
FGS	5	0.0	0.0	0.0	0.0	0	107	0	0	0	0	107	0	0	107
ESCF	6	0.0	0.0	0.0	0.0	0	234	0	0	0	0	234	0	0	234
	1	0.0	0.0	0.0	0.0	0	22	0	0	0	0	22	0	0	22
	39	0.0	0.0	0.0	3.0	0	1133	0	0	0	0	1133	0	0	1133
SELECT:	25	0.0	0.0	3.0	3.0	0	546	0	0	0	0	546	0	0	546
DIE	1	0.0	0.0	0.0	3.0	0	50	0	0	0	0	50	0	0	50
G VE	7	0.0	0.0	0.0	0.0	0	203	0	0	0	0	203	0	0	203
C VEG	6	0.0	0.0	0.0	3.0	0	245	0	0	0	0	245	0	0	245
B VE	4	0.0	0.0	0.0	0.0	0	331	0	0	0	0	331	0	0	331
CROT	9	0.0	0.0	0.0	3.0	0	378	0	0	0	0	378	0	0	378
CROP	10	0.0	0.0	3.0	0.0	0	513	0	0	0	0	513	0	0	513
CROP	7	0.0	0.0	0.0	0.0	0	162	0	0	0	0	162	0	0	162
IARLS	1	0.0	0.0	3.0	3.0	0	3	0	0	0	0	3	0	0	3
ALS	5	0.0	0.0	0.0	0.0	0	301	0	0	0	0	301	0	0	301
CLLUT	10	0.0	0.0	0.0	0.0	0	278	0	0	0	0	278	0	0	278
	21	0.0	0.0	0.0	0.0	0	3420	0	0	0	0	3420	0	0	3420
T & V	17	0.0	0.0	0.0	0.0	0	659	0	0	0	0	659	0	0	659
O CBF	29	0.0	0.0	0.0	0.0	0	2703	0	0	0	0	2703	0	0	2703
D CHO	1	0.0	0.0	3.0	0.0	0	23	0	0	0	0	23	0	0	23
FLU C	7	0.0	0.0	3.0	3.0	0	31	0	0	0	0	31	0	0	31
CTIOV	0	0.0	0.0	0.0	0.0	0	458	0	0	0	0	458	0	0	458
ML PP	7	0.0	0.0	0.0	0.0	0	1026	0	0	0	0	1026	0	0	1026
ANMI	6	0.0	0.0	0.0	0.0	0	470	0	0	0	0	470	0	0	470
SUPP	1	0.0	0.0	0.0	0.0	0	238	0	0	0	0	238	0	0	238
MUNT	1	0.0	0.0	0.0	0.0	0	77	0	0	0	0	77	0	0	77
CH/UI	6	0.0	0.0	0.0	0.0	0	616	0	0	0	0	616	0	0	616
	80	0.0	0.0	0.0	0.0	0	6540	0	0	0	0	6540	0	0	6540
ACCZ	2	0.0	0.0	0.0	0.0	0	156	0	0	0	0	156	0	0	156
INT A	1	0.0	0.0	0.0	0.0	0	113	0	0	0	0	113	0	0	113
MP AC	1	0.0	0.0	0.0	0.0	0	46	0	0	0	0	46	0	0	46
L PRO	1	0.0	0.0	0.0	0.0	0	68	0	0	0	0	68	0	0	68
	7	0.0	0.0	0.0	0.0	0	446	0	0	0	0	446	0	0	446
TANHS	1	0.0	0.0	3.0	3.0	0	24	0	0	0	0	24	0	0	24
PRODS	4	0.0	0.0	0.0	3.0	0	389	0	0	0	0	389	0	0	389
EPIC	1	0.0	0.0	3.0	3.0	0	30	0	0	0	0	30	0	0	30
LEVELP	1	0.0	0.0	0.0	0.0	0	19	0	0	0	0	19	0	0	19
TG SY	3	0.0	0.0	0.0	3.0	0	172	0	0	0	0	172	0	0	172
POWER	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	15	0	0	15
ISTIC	1	0.0	0.0	0.0	0.0	0	106	0	0	0	0	106	0	0	106
	14	0.0	0.0	0.0	0.0	0	755	0	0	0	0	755	0	0	755
ERTY	2	0.0	0.0	3.0	3.0	0	47	0	0	0	0	47	0	0	47
	2	0.0	0.0	0.0	0.0	0	47	0	0	0	0	47	0	0	47
ND	54	0.0	0.0	0.0	0.0	0	2652	0	0	0	0	2652	0	0	2652
TOX	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	2	0	0	2
NAITS	12	0.0	0.0	0.0	0.0	0	693	0	0	0	0	693	0	0	693
AN OI	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	1	0	0	1
AN	19	0.0	0.0	0.0	0.0	0	1576	0	0	0	0	1576	0	0	1576
CH & S	2	0.0	0.0	0.0	0.0	0	259	0	0	0	0	259	0	0	259
	89	0.0	0.0	0.0	0.0	0	5162	0	0	0	0	5162	0	0	5162
CC MAR	8	0.0	0.0	0.0	0.0	0	689	0	0	0	0	689	0	0	689
	5	0.0	0.0	0.0	0.0	0	374	0	0	0	0	374	0	0	374
EL PE	7	0.0	0.0	0.0	0.0	0	347	0	0	0	0	347	0	0	347
AL PE	6	0.0	0.0	0.0	0.0	0	750	0	0	0	0	750	0	0	750
CHANG	6	0.0	0.0	0.0	0.0	0	232	0	0	0	0	232	0	0	232
CHAN	2	0.0	0.0	0.0	0.0	0	75	0	0	0	0	75	0	0	75
	36	0.0	0.0	0.0	0.0	0	2467	0	0	0	0	2467	0	0	2467
ON	13	0.0	0.0	0.0	0.0	0	689	0	0	0	0	689	0	0	689
ATION	1	0.0	0.0	0.0	0.0	0	236	0	0	0	0	236	0	0	236
SH ECO	7	0.0	0.0	0.0	0.0	0	311	0	0	0	0	311	0	0	311
ICATION	2	0.0	0.0	0.0	0.0	0	170	0	0	0	0	170	0	0	170
IC OF PY	3	0.0	0.0	0.0	0.0	0	76	0	0	0	0	76	0	0	76

PSYCHIC FEEDBACK SERVICE

TABLE III-1-7 SUMMARY BY COMMODITY	OF 1977 INCOME BY SOURCE	IN THOUSANDS OF DOLLARS	EXCL
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CLASSIFICATION CATEGORY	ST CF EBOJ	STAFF				RES IN HOUSE	C G SAES	CA CA 47	OTHER 015	SP 010	PD SERV	FO USLA	OTHER
		1.0 SYS	SUPP PROF	YEARS TECH	OTHER								
0100 SOIL AND LAND	27	22.9	0.0	0.0	7.9	1104	3	3	0	0	0	0	0
0200 WATER	26	2.2	3.0	3.0	1.0	524	0	0	0	0	0	0	0
0300 WATERSHEDS RIVER BAS	6	2.1	3.0	3.0	1.0	171	0	0	0	0	0	0	0
0400 AIR AND CLIMATE	4	1.7	0.0	0.0	1.8	190	0	0	0	0	0	0	0
0500 CROP SOIL TSOI FEUT	12	4.0	3.0	3.0	2.7	266	0	0	0	0	0	0	0
0600 SOIL WHIS DECIDUOUS	12	5.0	0.0	0.0	2.9	285	0	0	0	0	0	0	0
0700 TOIAYNES	13	2.1	0.0	0.0	1.3	113	0	0	0	0	0	0	0
0800 VEGETABLES	12	8.2	0.0	0.0	3.9	428	0	0	0	0	0	0	0
0900 ORNAMENTALS TURF	1	0.0	0.0	0.0	0.0	2	0	0	0	0	0	0	0
1000 CORN	32	7.5	0.0	0.0	4.0	394	7	0	0	0	0	0	0
1100 GRAIN POGHUM	24	3.2	0.0	0.0	1.5	162	3	0	0	0	0	0	0
1200 RICE	23	1.2	0.0	0.0	1.5	162	0	0	0	0	0	0	0
1300 WHEAT	27	1.9	0.0	0.0	3.5	349	0	0	0	0	0	0	0
1400 OTHER SMALL GRAINS	23	2.2	0.0	0.0	1.0	103	0	0	0	0	0	0	0
1500 FORAGE CROPS	22	2.1	0.0	0.0	1.0	107	0	0	0	0	0	0	0
1600 COTTON	16	16.2	0.0	0.0	6.6	953	0	0	0	0	0	0	0
1700 COTTONSEED	1	2.0	0.0	0.0	1.8	122	0	0	0	0	0	0	0
1800 SOYBEANS	17	7.6	0.0	0.0	4.7	412	30	0	0	0	0	0	0
1900 PEANUTS	5	1.2	0.0	0.0	3.6	62	0	0	0	0	0	0	0
2000 OTHER GILSEED CROPS	1	0.3	0.0	0.0	0.3	17	0	0	0	0	0	0	0
2100 POTATY	21	7.9	0.0	0.0	7.6	436	39	0	0	0	0	0	0
2200 SHEP CATTLE	21	10.1	0.0	0.0	7.1	681	13	0	0	0	0	0	0
2300 DAIRY CATTLE	17	13.8	0.0	0.0	9.0	756	7	0	0	0	0	0	0
2400 SWINE	19	0.9	0.0	0.0	4.8	440	16	0	0	0	0	0	0
2500 SHEEP AND WOOL	7	1.7	0.0	0.0	1.2	84	5	0	0	0	0	0	0
2600 FARM SUPP & FACILITS	10	25.2	0.0	0.0	11.3	1197	6	0	0	0	0	0	25
2700 POOL	13	12.0	0.0	0.0	24.8	2792	0	98	0	0	0	0	16
2800 HOUSING & EQUIP	6	3.2	0.0	0.0	0.8	177	0	0	0	0	0	0	0
2900 PEOPLE AS INDIVIDUAL	7	15.3	0.0	0.0	8.7	1284	0	0	0	0	0	0	0
3000 FAMILY MEMBERS	5	9.5	0.0	0.0	1.4	575	0	0	0	0	0	0	0
3100 FARM AS BUSINESS	6	19.6	0.0	0.0	3.3	1690	25	0	0	0	0	0	0
3200 SOC POLIT ORGANIZ	23	26.3	0.0	0.0	11.1	1390	0	0	0	0	0	0	0
3300 AGRIC ECONOMY U S	14	35.5	0.0	0.0	35.6	3160	7	8	0	0	0	0	0
3400 AGRIC ECONOMY FOREIGN	24	33.7	0.0	0.0	40.1	3882	0	0	0	0	0	0	0
3500 GTH MARKET PROGRESS	1	1.2	0.0	0.0	1.6	111	0	0	0	0	0	0	0
3600 MARKETING SYSTEMS	5	20.9	0.0	0.0	12.8	1245	0	0	0	0	0	0	0
3700 EXP DESIGN/STAT METH	1	2.9	0.0	0.0	1.5	149	0	0	0	0	0	0	0
3800 PLANTS	6	4.1	0.0	0.0	1.3	156	5	0	0	0	0	0	0
3900 ANIMALS (VEGETABLES)	5	2.4	0.0	0.0	0.6	92	5	0	0	0	0	0	0
7000 ASCH FOOD & TECHNOL	1	1.0	0.0	0.0	0.5	50	0	0	0	0	0	0	0
9900 UNCLASSIFIED	1	1.0	0.0	0.0	0.0	52	0	0	0	0	0	0	0
TOTAL	519	450.3	1.7	0.5	244.7	27027	179	106	0	0	0	0	10

ECONOMIC RESEARCH SERVICE

TABLE III-D-7 SUMMARY BY PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCEPT WHERE SHOWN OTHERWISE

CLASSIFICATION CATEGORY	NO OF FOOD	STAFF				REG IN HOUSE	C G CA SAB	C H B CA ST	SP FC OIS	SP FC OIO	FOST SERV	OTHER USCA
		1.B. SUP-PORT	TECH	OTHER	TECH							
SERIES 100												
103 MGMT OF SALINE SOIL	1	0.1	0.0	0.0	0.0	11	0	0	0	0	0	0
104 ALTERN USE OF LAND	16	23.7	0.0	0.0	8.7	1062	0	0	0	0	0	0
106 ECON LEG PROB OF WA	4	4.5	0.0	0.0	3.3	332	0	0	0	0	0	0
SUBTOTAL	21	28.3	0.0	0.0	12.0	1405	0	0	0	0	0	0
SERIES 300												
309 PROD MGMT SYS FID C	2	3.2	0.0	0.0	2.9	216	0	0	0	0	0	0
312 ENV STRESS IN ANML	1	1.2	0.0	0.0	1.4	84	0	0	0	0	0	0
313 PROD MGMT SYS ANML	1	1.2	0.0	0.0	0.0	51	0	0	0	0	0	0
SUBTOTAL	4	5.6	0.0	0.0	4.3	351	0	0	0	0	0	0
SERIES 500												
501 IMP GRADES & STANDS	2	1.2	0.0	0.0	0.2	55	0	0	0	0	0	0
503 MKTG EFF AGRI PRODS	16	11.3	0.0	0.0	4.1	543	51	0	0	0	0	0
506 SPLY DEMAND AND PRI	43	67.0	0.0	0.0	58.0	4923	90	0	0	0	0	25
507 COME FEL IN AGRIC	8	12.1	0.0	0.0	3.1	483	0	0	0	0	0	0
508 DOMESTIC MKT DEVELP	5	13.0	0.0	0.0	7.6	755	0	0	0	0	0	0
509 PERFORMANCE MKTG SY	32	57.8	0.1	0.0	27.5	3317	0	0	0	0	0	0
511 IMP AGRIC STATISTIC	1	3.9	0.0	0.0	2.0	199	0	0	0	0	0	0
SUBTOTAL	100	187.0	0.1	0.0	103.2	10274	140	0	0	0	0	25
SERIES 600												
601 FGM MKT DEVELP	24	83.7	0.0	0.0	40.1	3862	0	0	0	0	0	0
SUBTOTAL	24	83.7	0.0	0.0	40.1	3862	0	0	0	0	0	0

FARM COOPERATIVE SERVICE

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS																	EXCLUSIVE OF PL-480 AND AID FUNDS		
NO OF FCS	COMMODITY	SYN	STAFF			REG IN HOUSE	C SALES	G CH	CA GT	SP 015	PD 010	SP SEPV	FOSS USLA	OTHER AFPR	TOTAL FUND	OTHER FUND	NON- FUND	TOTAL	
			I.N.	SUPPORT	YEARS														
36	21.1	0.0	0.0	0.0	0.0	885	0	56	0	0	0	0	0	0	941	0	0	941	
36	21.1	0.0	0.0	0.0	0.0	885	0	56	0	0	0	0	0	0	941	0	0	941	

FARM COOPERATIVE SERVICE

PROBLEM AREA OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS													EXCLUSIVE OF PL-480 AND AID FUNDS					
NO OF FCS	STAFF	TECH	TECH	OTHER	REG IN HOUSE	C & S	CA	OTHER	SP	PD	SP	PL	FOSS	OTHER	TOTAL	OTHER	NON-FED	TOTAL
	SYN	FPOP	TECH	OTHER	HOUSE	SALES	CH	GT	015	010	SEPV	USDA	AFPR	FUND	FUND	FUND	TOTAL	
36	21.1	0.0	0.0	0.0	885	0	56	0	0	0	0	0	941	0	0	0	941	
36	21.1	0.0	0.0	0.0	885	0	56	0	0	0	0	0	941	0	0	0	941	
36	21.1	0.0	0.0	0.0	885	0	56	0	0	0	0	0	941	0	0	0	941	

U S FOREST SERVICE

TABLE III-5-7 SUMMARY BY COMMODITY OF 1977 FISHES BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUDED

CLASSIFICATION CATEGORY	NO OF FISH	STAFF					PEGS IN C HORSE	C G C A SALES	OTHER C N G T	SP D 15	PD D 10	FO SERV	FORST USCA
		SYS	PROF	TECH	OTHER	YEARS							
0100 SOIL AND LAND	5	10.2	2.4	3.7	1.6	982	0	0	0	0	0	48	0
0200 WATER	5	11.5	1.9	2.3	1.1	562	0	0	0	0	0	50	0
0300 WATERSHEDS RIVER BAS	33	94.8	5.4	60.5	22.1	0071	0	0	0	0	0	910	3
0400 AIR AND CLIMATE	3	5.3	3.3	3.9	1.7	503	0	0	0	0	0	28	0
0500 RECREATION RESOURCES	17	24.7	6.8	6.5	10.0	2722	0	0	0	0	0	605	0
0600 TIMBER FOREST PRODUCT	195	712.1	116.3	455.9	155.7	59150	0	0	0	0	0	4450	0
0700 RANGE	16	22.7	5.4	13.7	6.9	2216	0	0	0	0	0	211	0
0800 WILDLIFE AND FISH	30	36.5	5.1	25.4	14.0	1932	0	0	0	0	0	370	0
3900 HOUSING & EQUIP	3	10.8	2.6	8.7	2.5	905	0	0	0	0	0	54	0
4300 SOC POLIT ORGANIZ	1	3.0	0.2	2.3	2.0	240	0	0	0	0	0	5	0
TOTAL	312	951.5	152.1	583.6	257.9	79696	0	0	0	0	0	6637	0

U S FOREST SERVICE

TABLE III-5-7 SUMMARY BY PROJECT AREA OF 1977 FISHES BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUDED

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					PEGS IN C HOUSE	C G C A SALES	OTHER C N G T	SP D 15	PD D 10	FO SERV	OTHER USCA	
		SYS	PROF	TECH	OTHER	YEARS								
SERIES 100														
102 SOIL PLNT WTR MGMT	1	2.0	0.4	1.2	0.4	168	0	0	0	0	0	10	0	
105 CONSERV USE OF WATE	1	0.8	0.4	0.5	0.6	119	0	0	0	0	0	12	0	
107 WATERSHED PROT C NG	36	98.8	7.1	59.8	20.4	8173	0	0	0	0	0	642	0	
108 ECON LBN PROD CE VA	1	1.1	0.6	0.8	0.1	61	0	0	0	0	0	12	0	
110 APPRAIS FORST & PAN	12	57.6	35.5	33.7	19.7	7078	0	0	0	0	0	284	0	
111 BIOL CULT MGMT FISH	63	183.9	10.1	120.8	46.1	13760	0	0	0	0	0	672	0	
112 IMPROV RANGE RESOR	5	9.5	1.0	5.6	3.9	963	0	0	0	0	0	37	0	
SUBTOTAL	119	353.6	73.7	230.6	90.6	10341	0	0	0	0	0	1669	0	
SERIES 200														
201 CONTRL FORST INSECTS	34	110.5	12.1	74.4	37.6	9796	0	0	0	0	0	1206	0	
202 CONTROL FOREST DIS	23	56.7	7.0	40.6	17.0	8853	0	0	0	0	0	115	0	
203 FOREST FIRE PROTECT	20	70.3	13.5	33.4	17.6	6026	0	0	0	0	0	773	0	
214 PROTECT FROM POLLUT	3	8.0	1.4	6.3	3.0	1520	0	0	0	0	0	140	0	
SUBTOTAL	80	247.6	44.0	154.7	75.1	22205	0	0	0	0	0	2239	0	
SERIES 300														
301 GENET BREED FORST T	12	35.4	1.5	39.6	11.2	3261	0	0	0	0	0	25	0	
302 IMP FOREST ENG SYS	6	14.1	5.5	8.9	6.6	1534	0	0	0	0	0	330	0	
303 ECON TIMBER PRODUCT	5	10.5	0.4	0.3	3.9	692	0	0	0	0	0	29	0	
SUBTOTAL	23	60.4	7.4	48.7	21.7	5487	0	0	0	0	0	384	0	
SERIES 400														
401 NEW IMP FOREST PROD	27	113.5	26.4	81.8	18.3	9810	0	0	0	0	0	646	0	
SUBTOTAL	27	113.5	26.4	81.8	18.3	9810	0	0	0	0	0	646	0	
SERIES 500														
502 MGTG TIMBER PRODUCT	11	35.6	2.2	8.9	10.8	2102	0	0	0	0	0	242	0	
512 IMP GRADES FISH PRO	2	10.0	0.5	5.5	3.5	643	0	0	0	0	0	4	0	
513 PRICE ANAL FISH PRO	3	8.6	2.0	0.5	2.9	555	0	0	0	0	0	37	0	
SUBTOTAL	16	54.2	4.7	14.9	17.2	3299	0	0	0	0	0	283	0	
SERIES 800														
801 RURAL HOUSING	2	6.0	1.0	6.0	1.8	471	0	0	0	0	0	16	0	
SUBTOTAL	2	6.0	1.0	6.0	1.8	471	0	0	0	0	0	16	0	
SERIES 900														
901 ALLEY POLLUTION	9	19.1	1.6	7.3	2.8	1529	0	0	0	0	0	137	0	
902 OUTDOOR RECREATION	11	18.2	3.9	3.2	8.1	1312	0	0	0	0	0	267	0	
903 MULTI-USE-FOREST TO	9	18.5	3.6	4.2	5.6	866	0	0	0	0	0	621	0	
904 WILDLFE AND FISH ECO	28	56.2	3.7	27.5	13.6	3858	0	0	0	0	0	371	0	
905 TREES BEAUTIFICATION	2	3.2	0.2	2.9	1.1	271	0	0	0	0	0	0	0	
907 RURAL INCOME IMP	1	3.0	0.2	2.0	2.0	242	0	0	0	0	0	5	0	
SUBTOTAL	60	116.2	13.1	47.1	33.2	8077	0	0	0	0	0	1401	0	
SCIENCE IN SERV OF MAN														
GRAND TOTAL	327	951.5	152.1	583.6	257.9	79696	0	0	0	0	0	6637	0	

CLASSIFICATION CATEGORY	NO OF ESTS	STAFF POSTS YEARS					HCIS SP OTH TOT USDA OTHER STATE FOOD										1900	1901
		215	FULL	TECH	OTHER	WASH	NEF	STEN	GT	CSRS	CS-S	COCA	FED	AFRO	SALES			
SERIES 900																		
901 RURAL HOUSING	42	19.1	7.9	6.5	11.4	66	116	0	50	11		305	3	76	354	9	1	
902 RURAL C. FARM INC. FARM	157	19.1	25.1	10.9	14.3	495	157	0	160	8		790	6	11	1095	43	0	
903 RURAL PROPERTY	12	5.1	6.6	3.4	12.2	126	23	1	186	26		394	0	20	155	9		
904 ECONOMIC FIELD RE	163	24.1	19.2	9.4	26.4	323	97	0	107107			714	41	154	105	9		
905 COMMUNICAT. RURAL RE	111	24.1	25.4	7.3	18.1	280	24	7	244	7		567	6	163	1671	86	10	
906 ADJUSTMENT TO CHANGE	172	41.7	12.6	13.9	15.4	569	261	3	279	45		1174	7	210	1190	28	9	
907 AGRIC. ECONOMIC CHAN	119	12.4	29.6	11.0	24.7	426	107	0	106	0		643	61	116	1145	26	4	
908 GOVT. PROGRAMS	35	6.5	7.0	1.7	5.1	149	26	0	3	0		175	33	26	264	1	1	
SUBTOTAL	617	192.6	155.7	66.0	153.0	2384	850	1	1392228			4521	156	619	4660	212	40	
SERIES 900																		
901 ALLY. COLLECTION	704	247.2	234.4	245.4	196.3	2285	1343	114	1194	7		4931	414	1642	6967	947	164	
902 OUTDOOR RECREATION	172	67.0	43.5	21.0	23.0	264	319	335	43	14		976	67	319	1474	48	3	
903 MULTI-USE RECREATION	74	11.7	13.6	12.7	1.2	17	6	269	0	0		283	77	11	420	10	2	
904 WILDERNESS AND FISH RE	545	161.1	213.2	160.9	171.7	664	212	44	311	0		1651	250	2594	6641	152	151	
905 TREES RECREATION	97	26.5	16.6	18.5	11.8	155	94	64	43	0		343	42	126	1525	15	5	
906 CONSERVATION & TRAIL RE	541	200.3	116.4	151.2	196.0	2061	262	1	29	8		2361	76	91	10784	102	41	
907 RURAL INCOME IMP	140	46.5	39.4	12.9	33.2	617	165	9	418262			1462	36	70	1844	25	7	
908 RURAL INSTITUTE IMP	293	78.3	75.4	21.3	55.8	1117	422	12	159358			2446	40	295	2188	103	16	
909 WILDLIFE RECRE	47	121.3	10.7	14.4	54.6	775	135	43	7	65		1054	637	76.2	5725	1535	95	
SUBTOTAL	1681	651.2	934.4	634.6	745.7	3374	2385	1279	2323707			15729	1608	4132	43020	3244	524	
SCIENCE IN SERV. OF MAN																		
AND TOTAL	20721	5918.8	5755.5	6291.8	6454.4	21642	15456		118450			55615			39018			
						72436	9175	101				12572			191160		1271	

COMMODITY	NO OF COUNTRIES	STAFF SUPPORT STAFF	TECH	OTHER	MATH	BGP	MGR	SR	GEN	TOT	DEDA	OTHER	STATE	FED	1800	OTH	TOTAL
100	52.5	51.3	41.6	22.2	420	319	71	66	7	1059	16	425	17.9	36	141	270	3571
101	33.7	12.1	13.3	13.0	353	23	16	3	9	432	3	294	659	17	69	181	1816
102	4.1	3.2	2.4	2.2	29	0	55	0	0	45	21	7	129	0	0	0	250
103	5.9	1.2	1.9	4.3	30	23	24	40	0	123	4	63	103	0	7	0	366
104	12.1	13.7	6.4	5.4	66	151	127	3	3	347	16	61	157	2	10	0	746
105	25.6	71.2	48.3	28.6	153	311	177	3	0	1713	166	263	192	21	417	222	4722
106	0.5	0.5	1.1	0.7	39	25	1	0	0	69	0	0	142	0	0	0	125
107	16.8	42.2	39.5	23.9	47	114	122	0	0	526	33	515	1115	46	311	549	1215
108	0.2	0.0	0.0	0.0	3	0	0	0	0	7	0	2	14	0	0	0	26
109	21.9	42.3	16.0	20.6	1238	572	22	99	0	1886	65	116	3951	253	311	57	6543
110	25.6	42.0	40.1	42.0	355	274	0	42	0	673	41	12	571	52	118	135	2137
111	11.5	21.0	36.4	35.0	979	339	3	132	0	1415	84	154	1053	117	231	75	3551
112	23.0	10.9	27.2	15.5	113	1	0	0	0	641	1	43	1572	43	176	52	2533
113	0.1	0.0	0.0	0.0	81	1	1	1	0	486	3	25	531	46	40	7	1115
114	0.0	0.0	0.0	0.0	2	0	0	0	0	2	0	0	2	0	0	0	5
115	2.9	1.1	2.6	2.0	1	0	0	0	0	1	0	0	0	0	0	0	4
116	2.1	3.2	1.4	2.1	69	0	0	0	0	43	0	31	135	21	5	1	253
117	0.1	0.4	0.1	0.2	10	5	0	0	0	35	2	33	147	10	9	1	235
118	25.9	21.4	19.4	25.0	365	167	0	195	0	747	15	43	1317	49	159	51	2352
119	0.2	0.1	0.0	0.0	0	0	0	0	0	4	0	0	6	0	0	0	39
120	0.1	0.2	0.0	0.1	0	0	0	0	0	0	0	0	3	0	1	0	4
121	10.2	5.2	6.4	4.9	130	33	0	232	0	377	5	66	163	48	11	2	665
122	0.2	3.5	0.2	0.7	1	0	0	0	0	3	0	0	15	0	0	0	43
123	3.7	1.6	7.7	3.9	111	0	0	9	0	2	0	7	20	0	45	0	14
124	0.1	0.0	0.0	0.0	2	0	0	0	0	133	0	0	34	22	2	0	476
125	1.2	0.1	0.7	6.4	10	11	0	0	0	2	0	0	1	2	0	0	6
126	60.6	54.5	101.0	63.3	550	494	0	20	3	1464	45	631	2657	439	159	153	751
127	16.6	11.7	24.7	18.4	315	55	0	70	0	417	6	84	840	136	114	135	1731
128	45.7	56.9	110.3	69.7	1129	361	0	47	0	1569	24	447	1030	696	274	450	6531
129	4.2	4.2	14.1	8.9	35	0	0	27	0	115	3	151	336	90	24	6	726
130	4.1	5.9	11.1	12.9	160	28	0	0	0	135	0	67	117	182	14	24	799
131	12.1	27.1	51.4	20.1	263	6	0	0	0	291	11	714	1077	130	162	193	2593
132	2.7	0.7	0.6	2.3	46	0	0	0	0	46	3	7	88	14	3	2	162
133	4.5	1.2	2.1	0.5	34	2	0	0	0	26	5	19	81	10	0	0	151
134	1.6	0.5	0.5	0.7	7	0	0	0	0	38	0	0	35	2	1	0	77
135	29.4	24.1	23.6	12.5	511	279	0	0	0	790	41	365	968	157	209	26	2262
136	11.7	11.6	10.4	11.4	136	25	0	0	0	161	86	145	261	34	45	61	794
137	43.2	14.9	25.9	25.6	544	136	7	136	17	640	51	587	1127	115	134	231	3130
138	1.1	3.0	3.6	5.7	70	12	0	124	0	236	7	102	224	27	72	33	670
139	24.9	1.5	2.7	6.3	150	0	0	5	0	154	4	6	226	1	5	5	402
140	11.2	27.1	10.5	14.2	556	203	2	54171	0	986	26	163	660	74	79	128	2136
141	1.0	1.6	1.4	1.2	54	4	0	0	0	57	9	18	87	0	1	2	167
142	5.0	1.9	5.2	2.5	21	0	0	0	0	21	0	0	104	2	3	4	133
143	0.2	0.0	0.1	0.1	10	0	0	0	0	10	0	0	0	0	0	0	10
144	1.4	0.4	2.0	1.2	51	0	0	0	0	51	0	0	71	0	39	0	165
145	1.2	1.1	0.1	2.9	63	10	0	0	0	113	4	0	40	0	0	0	157
146	0.9	1.2	1.9	4.6	35	44	0	0	0	39	0	0	36	1	11	1	99
147	3.2	2.0	6.1	1.5	9	17	0	0	0	25	0	0	161	1	0	6	154
148	12.7	7.3	15.0	1.6	236	0	0	0	0	236	4	306	367	47	7	42	1007
149	2.6	2.0	5.0	1.0	27	0	0	0	0	27	0	0	101	7	11	4	152
150	10.4	17.3	20.4	9.2	125	0	0	34	0	114	32	385	499	58	26	56	1220
151	14.1	18.0	16.1	4.3	299	3	0	0	0	212	2	381	430	56	48	26	1156
152	14.1	15.2	24.2	19.1	363	336	0	153	0	849	36	108	1036	52	75	20	2447
153	11.1	11.1	12.0	5.9	137	0	0	40	0	157	1	196	328	52	15	12	769
154	4.7	5.4	4.6	3.4	42	14	16	0	0	73	9	55	234	10	6	15	312
155	21.1	14.1	7.5	1.8	68	1	0	0	0	66	79	199	2351	4	289	108	3100

1977 100 1.2 793.5 1012.6 656.7 3304 1566 195 20298 1325 7370 36681 3286 4085 3513 76266

CLASSIFICATION CATEGORY	NO OF PAGES	STAFF				MOBILE STAFF				OTHER STAFF				OTHER STATES	
		SYN	INFO	TECH	OTHER	MATH	REP	STEN	ST	CSRS	CSRS	CGCA	PED	APERO	
SERIES 100															
101 APPEALS BY SCOT REC	27	9.6	14.0	8.5	10.0	56	6	7	0	0	101	4	23	399	
102 SOIL PLANT MFR SUPPL	56	18.9	13.5	13.5	9.2	235	123	21	28	0	409	12	129	664	
103 MGMT OF SALINE SOIL	1	0.5	0.0	0.0	0.2	1	0	0	0	0	1	0	0	0	
104 ALTEEN USE OF LAND	23	5.2	12.1	2.9	4.1	102	93	13	0	1	228	15	31	160	
105 CONCERN USE OF WATER	11	2.5	2.6	1.0	1.0	61	1	2	0	0	64	0	9	101	
106 DRAIN AND IRRIGATION	4	0.5	0.7	0.1	0.1	27	0	1	0	0	24	0	0	12	
107 WATERSED FROM RAIL	17	4.2	0.4	2.5	1.5	21	0	62	3	3	92	15	6	110	
108 POON LEO PROCA OF WA	6	2.2	0.1	0.1	1.3	17	0	1	0	0	19	7	15	50	
109 WEATHER ADAPT & POI	15	2.6	2.0	7.7	3.2	13	23	14	0	0	50	3	4	115	
110 APPRAIS INVEST & PAH	13	2.7	2.0	1.6	0.6	21	3	53	0	0	74	0	7	91	
111 BUD CULT MGMT PMS	67	10.9	21.6	5.6	8.3	73	6	317	0	0	444	26	4	431	
112 IMPROV RANGE MFSGR	1	0.5	0.5	1.1	3.7	39	25	0	0	0	68	0	0	39	
113 REMOTE SENSING	13	1.5	2.5	2.4	1.1	8	11	20	0	0	39	9	4	63	
SUBTOTAL	254	69.6	17.3	44.6	32.8	712	243	526	20	7	1024	94	234	2241	
SERIES 200															
201 CNTRL FORST INSECTS	33	16.9	14.2	11.0	5.6	36	53	200	0	0	286	94	55	453	
202 CONTROL FOREST DIS	10	6.1	5.8	1.8	1.1	35	43	52	0	0	133	1	3	171	
203 FOREST FIRE PROTECT	1	0.2	0.1	0.3	0.0	0	0	0	0	0	0	0	0	0	
204 WATE PESTS FET & VEG	74	25.6	12.6	27.9	16.5	324	24	0	52	0	408	77	143	1197	
205 CNTR DISE FET & VEG	116	41.5	17.3	43.2	20.3	456	233	22	41	0	724	62	49	1290	
206 CNTR WEEDS FET & VEG	31	0.1	6.5	7.9	6.5	174	23	0	0	0	197	7	0	331	
207 CNTR PESTS FLD CROP	30	7.1	6.2	6.4	6.1	133	7	0	143	0	283	5	17	281	
208 CNTR DIS FIELD CROP	45	13.9	5.2	10.3	5.6	191	53	0	0	0	204	1	33	543	
209 CNTR WEEDS FLD CROP	21	5.7	5.8	5.1	1.5	95	75	0	0	0	170	16	0	176	
210 CNTR PESTS ANIMALS	11	2.6	2.0	2.9	1.2	52	0	0	0	0	52	7	10	127	
211 CNTR DIS ANIMALS	102	62.9	31.5	107.5	47.6	176	392	0	7	0	775	32	518	2192	
212 CNTR INTER PARASITE	10	5.0	1.8	10.3	3.0	50	0	0	0	0	10	0	0	134	
213 PROT ANIMAL FROM TOX	10	4.1	3.7	5.5	2.9	10	0	0	0	0	19	0	165	95	
214 TRNTCT FROM POLLUT	36	11.0	16.9	7.4	7.2	113	101	25	17	0	276	0	67	164	
SUBTOTAL	546	216.2	157.1	253.0	127.1	2048	972	302	259	7	3601	282	1177	7665	
SERIES 300															
301 GEMET FRKED FOREST T	32	4.0	2.2	4.6	1.3	25	37	24	0	0	160	11	4	86	
302 IMP FOREST ENG SYS	4	2.4	1.6	2.0	3.3	26	0	11	0	0	59	0	0	30	
303 ECON TIMBER PRODUCT	6	1.6	3.7	0.1	0.3	0	0	22	0	0	22	0	0	14	
304 IMP BIO EFF FET & V	163	55.5	26.5	70.9	47.4	209	163	6	0	0	973	28	9	2563	
305 MECH PROCT FET & VEG	29	9.4	4.5	8.1	6.1	137	82	0	0	0	219	0	22	384	
306 PROCT MGMT SYS F & V	9	2.6	1.0	1.3	1.5	55	10	0	0	0	65	3	0	46	
307 IMP BIO EFF FLD CROP	111	34.3	20.3	46.1	21.7	210	80	1	150	0	759	41	43	1539	
308 MECH PROCT FIELD CROP	7	2.4	2.7	0.9	0.7	33	15	0	0	0	46	0	0	63	
309 PROCT MGMT SYS FLD C	19	3.7	5.2	6.7	5.6	63	13	0	10	0	106	0	14	179	
310 ANIMAL REPRODUCTION	42	17.0	17.0	11.5	17.0	44	73	0	0	0	487	0	276	617	
311 IMP BIO EFF ANML FR	163	55.5	41.0	97.5	76.5	1078	170	0	97	0	1255	0	666	3109	
312 ANV STRESS IN ANML	20	7.2	3.5	7.2	5.5	82	93	0	0	0	175	0	22	233	
313 PROCT MGMT SYS ANML	21	4.9	5.9	8.0	12.1	40	8	0	41	0	09	2	1	302	
314 BRES OTN POLLUTON I	7	2.7	0.7	0.6	2.0	46	0	0	0	0	46	1	7	88	
315 IMP STRUC FARM SUPP	21	6.8	6.0	0.9	2.3	100	0	0	0	0	100	90	0	197	
316 FARM BUSINESS MGMT	14	7.5	3.4	2.7	6.0	144	3	0	0	0	144	3	0	211	
317 MECH/STRUCTS ANML P	5	2.1	1.0	0.6	0.1	27	1	0	0	0	26	0	0	90	
318 NON-COM BIO TECH/BI	194	60.4	41.5	77.0	10.2	827	30	0	0	0	487	36	1430	2135	
SUBTOTAL	838	289.4	198.0	374.4	213.6	4450	804	152	257	0	5663	220	2311	12055	
SERIES 400															
401 NEW IMP FOREST PROCT	38	17.1	12.0	5.5	6.5	39	0	213	0	0	252	13	134	365	
402 PROCT F & V IMP ACCE	40	8.5	3.9	5.4	7.8	73	21	0	0	0	95	2	0	400	
403 NEW C IMP YEV PROCT	47	15.6	11.3	12.7	5.6	183	11	0	0	0	143	8	49	517	
404 MGT QUAL FET & VEG	55	20.3	13.6	20.2	17.0	295	411	0	22	0	728	1	20	776	
405 PROCT FLD CROP IMP A	17	4.0	3.1	5.1	12.2	62	10	0	41	0	121	0	2	258	
406 NEW IMP FOOD FLD C	35	2.7	4.3	0.1	3.8	20	3	33	3	53	8	43	48	46	
407 NEW IMP NON-FOOD FC	7	0.4	1.4	2.0	1.2	0	5	1	0	0	5	0	23	44	
408 MGT QUAL FLD CROP	5	1.6	0.5	3.5	1.2	65	0	0	0	0	65	5	0	109	
409 FEED ANML BY IMP AC	14	5.1	1.9	1.7	5.5	150	0	0	0	0	150	0	102	205	
410 IMP MEAT MTLZ ENG P	47	13.2	11.3	10.3	9.5	213	0	0	0	0	213	0	155	713	
411 IMP NON-FOOD ANML P	2	0.0	0.0	0.2	0.0	1	0	0	0	0	1	0	0	3	
412 MGT QUAL ANIMAL PRO	23	6.8	3.4	6.1	3.5	236	0	0	0	0	236	5	16	219	
SUBTOTAL	311	96.1	71.3	102.4	71.7	1336	467	213	55	0	2112	28	524	3717	
SERIES 500															
501 IMP GRADES F STANDS	7	1.6	0.9	3.4	0.7	18	16	0	0	0	34	0	6	64	
502 MATH TIMBER PRODUCT	4	1.1	0.9	3.0	3.1	11	0	13	0	0	24	0	0	6	
503 MGT EFF AGRI PRODS	31	8.0	6.0	2.6	4.8	115	70	0	26	0	239	2	4	134	
504 SPLY DEMAND AND PRI	22	7.4	5.5	0.5	3.6	108	121	0	0	0	230	0	0	117	
507 COMP REL IN AGRIC	7	0.5	1.3	0.2	3.7	19	13	0	0	0	27	1	0	25	
508 DOMESTIC MGT DEVELOP	5	0.8	0.5	0.0	1.8	15	4	0	0	0	20	0	0	24	
509 PERFORMANCE MGT SY	22	11.5	3.3	2.9	5.1	161	119	0	19	0	299	12	0	113	
510 GROUP ACT MGT FOM	1	0.3	0.4	0.3	3.3	10	0	0	0	0	10	0	4	3	
511 IMP AGRIC STATISTIC	3	1.0	1.6	0.0	0.6	15	0	0	0	0	15	0	0	26	
512 IMP GRADES PPST PRC	1	0.1	0.0	0.1	0.0	2	0	0	0	0	2	0	0	2	
513 PRICE ANML PRST PRO	2	3.3	0.4	0.0	0.1	4	0	0	0	0	9	0	0	3	
SUBTOTAL	107	29.4	21.3	10.0	17.0	493	352	17	45	0	908	31	14	518	
SERIES 600															
601 PRY MGT DEVELI	4	1.6	3.6	1.4	0.9	15	0	0	0	0	45	0	0	62	
602 EVAL PGM FOOD AID P	1	0.1	0.3	0.0	0.1	0	0	0	0	0	0	0	0	5	
603 TECH AID DEV CTRY	6	6.5	2.4	5.3	3.9	3	0	0	0	0	3	0	0	113	
SUBTOTAL	11	8.2	3.3	6.7	4.4	48	0	0	0	0	48	0	0	101	

[illegible]

CLASSIFICATION CATEGORY	NO OF PPL	STAFF					RCIN SE										USDA		OTHER		STATE		PROG
		SIS	FFGE	TECH	TRN	EA	SP	ST	ST	CSRS	CSPS	CHCA	FED	APPRO	SAL								
00 SOIL AND LAND	113	131.8	17.5	113.6	51.3	535	115	79	175	0	1712	63	351	4313	1								
00 WATER	106	60.1	38.1	53.6	64.9	424	237	42	339	0	1041	54	215	2424	1								
00 WATERSHEDS RIVER BAS	38	11.0	6.1	17.9	7.9	52	99	15	62	0	228	0	18	916	1								
00 LTD AND CLIMATE	24	3.9	1.7	3.4	1.3	33	15	14	8	0	61	2	3	212	1								
00 RECREATION RESOURCES	32	10.3	5.3	5.1	6.1	46	13	25	43	0	184	6	10	544	1								
00 TIMBER FOREST PRODUCT	153	149.6	126.3	160.5	126.5	322	2052363	72	1	2960	603	1110	5364	2									
00 RANGE	54	12.6	7.3	15.5	5.6	97	1	51	9	0	154	3	66	184	1								
00 WILDLIFE AND FISH	220	81.1	16.6	75.6	65.9	512	169	460	208	0	1147	96	766	2935	2								
00 CITRUS AND OTHER FRUIT	131	70.0	16.7	87.2	134.6	869	53	3	18	0	536	39	100	4019	1								
00 FRUIT AND VEGETABLES	336	105.7	45.1	128.0	120.1	1427	55	3	199	0	1721	133	134	6206	2								
00 POTATOES	35	7.9	3.7	8.4	6.3	80	0	0	0	0	0	0	0	54	1								
00 VEGETABLES	366	203.0	95.6	166.1	244.6	1905	219	0	566	0	2703	236	129	10295	1								
00 ORNAMENTAL TURF	203	90.6	29.6	56.6	122.1	866	131	0	51	0	1055	20	31	4703	1								
00 CORN	221	45.0	22.4	50.2	114.0	512	152	9	10	0	674	24	152	2401	1								
00 GRAIN SORGHUM	136	22.4	5.4	20.2	24.9	224	62	0	10	0	236	31	16	1625	1								
00 RICE	76	24.7	9.6	14.7	19.1	177	11	0	2	0	152	51	8	1655	1								
00 WHEAT	121	22.2	8.7	13.5	16.6	312	38	3	16	0	366	6	19	1224	1								
00 OTHER SMALL GRAINS	109	22.7	6.9	26.9	21.3	271	14	0	641	0	975	5	6	1637	1								
00 PASTURE	101	24.6	4.2	24.1	35.7	294	0	0	4	0	263	137	17	1554	1								
00 FORAGE CROPS	290	51.2	30.2	106.3	115.9	1179	137	0	167	0	1463	28	93	4716	1								
00 COTTON	286	54.2	50.5	88.1	95.2	477	486	0	439	0	1916	304	275	5415	1								
00 COTTONSEED	10	1.7	1.3	2.5	1.5	31	0	0	23	0	96	0	0	55	1								
00 SOYBEANS	332	108.0	73.5	88.1	115.2	1214	485	6	458	0	2157	181	92	5416	1								
00 PEANUTS	140	47.1	19.8	58.8	46.7	435	28	0	27	0	738	72	28	2647	1								
00 OTHER OILSEED CROPS	16	1.5	1.1	1.7	3.4	6	0	0	0	0	10	0	0	114	1								
00 TOBACCO	138	51.1	34.8	73.1	66.2	668	21	0	48	0	737	63	218	3418	1								
00 SUNAR CROPS	86	37.1	7.7	15.8	116.6	648	21	0	0	0	670	21	45	1731	1								
00 HESC NEW CROPS	42	8.2	3.5	4.6	26.6	99	66	0	6	0	170	0	12	305	1								
00 POULTRY	253	55.3	68.6	155.4	119.6	1225	388	6	425	38	2565	126	161	6090	1								
00 BEEF CATTLE	499	170.0	63.9	171.8	209.9	2568	549	6	825	0	4363	265	65	12014	17								
00 DAIRY CATTLE	327	116.1	54.4	119.6	211.2	2178	425	0	263	0	2687	61	97	8170	15								
00 SWINE	190	57.2	38.8	66.8	91.1	1022	163	0	380	0	1503	69	61	4363	1								
00 SHEEP AND WOOL	82	14.8	13.5	15.8	19.7	311	36	3	22	0	367	30	20	1112	1								
00 OTHER ANIMALS	105	30.1	17.3	53.9	22.4	459	2	0	192	0	652	74	103	1620	1								
00 EGGS AND HONEY	5	2.0	0.7	1.9	0.3	22	0	0	0	0	22	0	0	61	1								
00 FARM SUPPLY FACILITIES	26	10.6	1.6	4.3	3.4	95	8	0	285	0	387	0	0	253	1								
00 CLOTHING & TEXTILES	34	8.6	2.9	2.6	3.4	51	51	0	60	0	168	18	0	107	1								
00 FOOD	124	45.1	19.1	57.0	38.7	507	407	0	844	0	1758	35	0	1141	1								
00 HOUSING & EQUIP	59	17.2	6.7	13.4	11.5	98	79	12	194	3	238	28	59	624	1								
00 PEOPLE AS INDIVIDUAL	231	56.7	28.8	46.6	56.1	729	185	9	1433	88	2435	16	222	1445	1								
00 FAMILY MEMBERS	75	18.3	8.7	3.9	12.3	202	16	0	398	15	148	1	2	277	1								
00 FARM AS BUSINESS	68	25.6	4.5	7.9	25.7	458	23	0	117	0	596	78	18	688	1								
00 SOC POLICY ORGANIZ	111	37.2	27.4	11.2	17.7	547	201	0	424188	1	1160	10	24	767	1								
00 AGRIC ECONOMIC U S	21	7.5	2.7	4.1	12.8	98	0	0	17	0	107	11	17	366	1								
00 FARM COOPERATIVES	14	2.7	2.8	0.5	3.9	42	0	0	149	0	171	18	0	56	1								
00 OTHER MARKET PROCES	16	2.2	1.5	2.0	3.4	44	6	0	0	0	52	0	0	94	1								
00 MARKETING SYSTEMS	21	3.8	2.2	4.8	6.4	79	0	1	123	0	231	51	0	194	1								
00 WEEDS	4	0.7	4.0	2.2	1.7	37	0	0	0	0	49	5	0	44	1								
00 SEED RESEARCH	16	12.1	10.3	12.6	3.2	102	5	0	11	3	120	0	395	425	1								
00 BIO CELL SYSTEMS	19	6.2	2.7	7.4	4.7	22	0	0	0	0	22	10	33	426	1								
00 EXT DESIGN/STAT METH	61	23.2	12.7	27.1	12.4	151	3	0	12	0	163	5	258	1009	1								
00 INVENTORIES	41	24.8	10.3	54.5	12.4	132	26	0	17	0	196	12	678	960	1								
00 MICROORGANISMS, VIRUS	140	55.1	47.4	60.1	64.6	652	162	2	304	0	1140	85	229	2133	1								
00 PLANTS	65	14.9	17.1	20.8	18.4	198	54	2	24	0	271	14	154	848	1								
00 ANIMALS (VERTEBRATES)	6	5.6	1.2	3.4	0.5	21	158	7	0	0	176	0	2	162	1								
00 RESEARCH ON FISH AND	17	4.3	2.7	0.9	1.6	2	1	8	0	0	11	0	137	145	1								
00 FISH EQUIP & TECHNOL	15	12.4	2.0	4.1	2.2	179	56	23	0	0	381	285	240	1559	1								
00 UNCLASSIFIED																							
TOTAL	7366	2463.5	1244.0	2475.1	2087.0	26537	6425	2970	10740	353	47445	3499	7491	127625	91								

CLASSIFICATION
CATEGORYSC
CYSTAFF
SUPPORT YEARSMOIS 51 024 TOT USDA OTHER STATE
FECJ SYS PROF TECH CMGR MATH RPP STM GZ CSRS CSRS CGCA PPD APPH

SERIES 900

901 RURAL HOUSING	17	7.4	4.9	5.8	4.7	41	57	0	70	3	230	0	0	159
902 INDIV & FARM SEC MAX	51	11.4	5.4	5.7	7.0	137	41	0	150	5	313	4	1	203
903 RURAL COVERTY	26	7.0	5.0	2.1	9.1	74	17	0	171	28	250	0	0	144
904 ECON FORNAT RURAL PR	57	10.1	5.6	3.2	10.4	142	41	3	237	59	480	1	15	170
905 COMMUNICAT RURAL PR	21	4.1	2.6	0.7	1.7	48	0	3	115	0	164	0	0	159
906 ADJUSTMENT TO CHANG	55	12.1	7.3	7.8	15.0	259	25	0	252	0	535	5	1	271
907 AGRIC ECONOMIC CHAM	35	12.2	3.7	7.1	15.3	127	1	1	69	0	197	23	16	371
908 GOV'T PROGRAMS	0	2.5	0.0	0.5	3.6	75	0	3	0	0	75	0	0	43
SUBTOTAL	269	68.9	43.9	33.0	64.6	502	221	0	1024	96	2303	31	13	1760

SERIES 900

901 ALLEV POLLUTION	214	61.4	47.6	92.9	81.0	704	477	50	428	0	2160	47	472	2601
902 OUTDOOR RECREATION	34	13.1	4.1	5.2	5.9	40	13	83	43	0	181	0	30	320
903 MULTI-USE FOREST PO	20	4.1	2.4	6.6	4.7	0	0	13	0	0	90	56	2	177
904 WILDER AND FISH ECO	165	72.8	50.7	65.6	62.7	387	164	220	169	0	960	74	744	2536
905 TREES REAFFORESTATION	17	3.1	1.0	1.1	2.0	42	0	3	40	0	82	0	0	116
906 GRASSLAND & TURF REN	400	90.9	20.6	90.6	131.9	854	131	0	11	0	1857	20	31	4605
907 RURAL INCOME IMP	74	16.7	11.5	5.4	16.5	253	06	0	354	75	768	1	7	100
908 RURAL INSTITUTE IMP	62	21.5	16.9	8.1	21.1	330	112	0	266	124	812	9	24	484
909 UNCLASSIFIED	15	62.4	2.0	4.1	2.2	175	56	24	0	0	304	285	240	1559
SUBTOTAL	844	364.1	164.8	285.6	302.1	2754	1500	474	1411	207	6365	503	1551	13042

SCIENCE IS BEYOND MAN
GRAND TOTAL

7109	2463.9	1244.0	2475.3	2007.4	26907	6425	10700		4745	7091				127025
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	CLASSIFICATION CATEGORY	50 OF PROJ	STAFF					MATH	APP	STEER	G	CSRS	CSRS	USDA	OTHER	STAY
			SYS	SUPPOT	TECH	CMPE	CMPE									
SERIES 100																
101	APPRATE OF SOIL RES	63	22.5	20.9	8.5	11.6	186	85	5	3	11	287	7	165	9	
102	SOIL ELEM WTS NUTRI	186	48.9	51.3	35.6	22.5	570	30	84	0	0	744	19	371	25	
103	MGMT OF SALINE SOIL	6	1.5	1.6	1.1	0.4	3	0	0	0	0	3	0	0	0	
104	ALTERN USE OF LAND	4	19.5	19.0	7.1	13.9	233	19	12	3	68	247	41	386	5	
105	CONSPRV USE OF WATE	61	14.2	8.9	14.7	9.5	71	13	0	0	0	98	0	237	6	
106	DRAIN AND IRRIGATION	31	7.4	4.7	7.0	1.1	82	0	0	0	0	82	4	76	1	
107	WATERSHED PROT & MG	40	13.6	14.5	6.4	7.9	173	1	15	0	1	195	74	469	4	
108	ECCN LBN PROJ OF WA	15	3.5	6.5	0.6	2.8	53	0	0	0	0	53	0	92	1	
109	WEATHER ADAPT & MOD	17	12.0	19.7	7.5	13.7	155	118	8	0	0	281	128	163	5	
110	APPRATE FORST & RAN	31	5.3	3.9	3.9	3.3	1	0	12	0	0	74	22	49	1	
111	BIOLOGICAL MGMT 1005	192	28.6	27.2	23.3	16.5	71	15	433	3	0	533	44	41	14	
112	IMPROV RANGE RESOUR	27	7.1	5.7	4.7	1.2	55	9	1	0	0	65	8	3	3	
113	REMOTE SENSING	27	3.1	3.3	5.7	2.5	4	2	37	0	0	61	27	317	1	
114	RECH OF MGMT OF RSC	10	2.7	0.9	1.2	3.9	4	2	7	0	0	15	34	0	0	
	SUBTOTAL	671	193.6	129.6	127.8	116.1	1666	380	646	9	64	2825	407	2246	65	
SERIES 200																
201	CNTRL FORST IMPROVTS	35	7.2	14.1	4.6	2.9	32	7	112	0	0	173	17	12	2	
202	CONTRG FORST CTS	34	6.6	10.7	5.7	2.7	60	0	116	0	0	176	4	16	2	
203	FOREST FIRE PROTECT	1	3.2	3.3	0.0	0.0	0	0	0	0	0	0	0	0	0	
204	CNTR PRST FCT & VE	51	13.9	19.3	10.4	9.0	161	15	0	26	0	202	10	97	6	
205	CNTR LSTN INT & NVE	113	34.4	34.3	21.5	19.1	375	30	0	0	0	413	4	71	14	
206	CNTR WEEDS INT & VE	27	6.3	6.7	2.0	2.7	90	3	0	1	0	67	16	1	1	
207	CNTR WEEDS FCT CPOV	122	30.2	54.3	24.3	31.9	412	171	0	45	0	827	121	519	15	
208	CNTR DTS FIELD CPOV	206	67.0	63.6	51.3	35.1	623	216	0	63	0	1112	46	143	20	
209	CNTR WEEDS FCT CPOV	75	19.3	31.4	22.5	16.9	264	12	0	2	1	298	21	3	13	
210	CONTR PRST ANIMALS	21	5.5	1.3	2.6	6.5	45	0	0	0	0	67	16	1	1	
211	CNTR DTS ANIMALS	172	52.7	53.0	96.4	64.4	650	168	0	61	0	1377	306	441	81	
212	CNTR INTRR PARASITE	22	1.4	4.6	1.4	1.5	59	19	0	0	0	73	0	0	3	
213	FACT ANML VRYD TOX	37	5.5	5.7	7.5	4.4	68	54	0	0	0	122	9	25	2	
214	PROTECT FROM POLLUT	73	14.4	14.9	12.5	13.2	127	11	46	0	0	207	31	194	6	
	SUBTOTAL	593	292.3	315.1	271.6	207.1	3362	972	294	205	1	4074	586	1581	151	
SERIES 300																
301	INSTR OPER FORST T	47	9.4	9.8	10.5	17.5	40	31	291	0	0	162	11	0	4	
302	INT FORST ENG SYS	3	0.7	6.5	9.1	0.9	3	0	16	0	0	15	0	0	0	
303	PCON TIMBER PRODUCT	13	3.6	2.2	1.7	1.5	3	0	48	0	0	69	4	148	18	
304	IMP BLD RFF PCT & V	165	55.3	51.5	52.4	42.5	674	65	0	48	0	809	4	148	18	
305	RECH PRST SYS & VEG	23	4.9	1.2	4.9	1.4	93	0	0	0	0	93	0	0	1	
306	PROD MGMT SYS & V	16	2.2	0.7	2.6	0.7	43	0	0	0	0	41	0	0	1	
307	IMP BLD RFF PCT CMT	369	106.5	102.9	206.4	181.3	1598	435	0	109	0	2726	358	604	115	
308	RECH PRST FIELD CRO	34	8.4	19.2	7.1	5.1	94	0	0	0	0	131	15	91	4	
309	INSTR MGMT SYS PLO C	64	11.9	8.5	8.9	13.2	145	20	0	2	0	167	65	1	6	
310	ANIMAL REPRODUCTION	135	47.1	67.3	69.2	67.5	794	277	0	231	0	1394	124	223	33	
311	IMP BLD RFF ANML PR	407	151.2	177.6	274.4	253.0	2561	812	4	134	0	3511	666	830	121	
312	IMP STRESS IN ANML	55	11.1	15.4	20.1	22.1	324	73	0	0	0	347	45	11	12	
313	PROD MGMT SYS ANML	108	12.0	21.0	15.7	40.0	226	116	0	2	0	347	65	19	17	
314	DEES NTR POLYTHG I	10	9.7	2.1	0.3	1.5	7	0	0	0	0	7	0	1	2	
315	IMP STRESS FCT SUPP	47	13.4	10.4	11.3	13.3	187	2	0	0	0	150	107	6	6	
316	PAR BUSINESS MGMT	51	14.3	14.0	6.5	19.4	167	1	3	2	0	350	14	25	4	
317	RECH/STRUCTS ANML P	24	3.2	4.1	4.6	2.9	49	3	3	14	0	76	7	20	1	
318	CON-CON BIO TECH/BI	292	113.6	113.3	81.3	66.1	732	42	5	0	0	593	25	3638	46	
	SUBTOTAL	1935	682.3	771.4	753.7	751.2	6513	1961	393	743	0	11605	1731	6110	420	
SERIES 400																
401	NEW IMP FORST PRD	33	26.9	6.5	6.1	11.3	92	0	167	0	0	259	64	14	7	
402	PROD P & V IMI ACCE	40	9.2	7.3	0.9	3.4	149	7	0	0	0	125	2	0	4	
403	NEW & IMP FCT ACCE	37	9.2	7.0	0.4	4.2	226	14	0	0	0	301	10	0	28	
404	MKT CUAL FCTS & VEG	27	5.1	8.5	6.1	1.6	119	60	0	18	0	137	0	0	20	
405	PROD PLO CPOV IMP A	74	21.9	21.7	19.0	18.3	281	279	0	0	0	318	44	52	7	
406	NEW IMP FCT PLO CF	69	21.1	36.6	21.3	12.6	186	19	0	51	0	546	60	202	7	
407	NEW IMP NON-FOOD FC	19	6.1	8.3	4.1	3.9	30	25	0	0	0	60	0	92	2	
408	EXT GUAL VRYD CPOV	45	11.3	8.8	7.9	6.4	235	17	0	0	0	232	92	28	4	
409	PROD ANML IS IMP AC	61	15.1	19.2	13.2	19.0	547	60	0	05	0	673	22	49	7	
410	IMP MKAT MILK EGG F	107	33.4	38.5	30.5	23.3	777	58	0	0	0	634	43	127	17	
411	IMP NON-FOOD ANML P	0	0.2	0.4	0.3	0.2	4	0	0	0	0	4	0	0	0	
412	MKT CUAL ANIMAL PRO	46	10.5	10.0	7.0	9.5	264	12	0	0	0	297	6	13	3	
	SUBTOTAL	556	169.4	170.1	131.0	114.9	3091	466	167	134	0	3847	343	598	61	
SERIES 500																
501	IMP GRACES & STANOS	16	2.6	4.0	1.1	3.9	66	7	0	0	0	74	0	0	1	
502	MKTG TIMBER PRODUCT	4	1.0	0.0	0.4	1.3	8	0	11	0	0	10	8	0	0	
503	MKTG REEF AGRI PROCS	74	17.0	26.1	5.6	17.5	466	149	0	13	0	619	80	127	4	
504	SPLY DEMAND AND VBL	40	9.3	10.2	3.7	11.3	222	22	0	0	4	248	78	40	3	
507	COMP REL IN AGRIC	17	2.0	2.1	0.4	1.1	59	24	0	17	0	99	0	17	0	
508	CONSTRUCT MKT DEVELP	13	0.9	0.9	0.5	1.0	33	0	0	0	0	33	0	0	0	
509	PERFORMANCE MKTG SY	43	13.6	15.8	3.4	11.0	274	149	1	25	0	449	64	105	3	
510	ASOUP ACT MKT POWER	10	1.7	3.3	0.2	3.0	54	0	0	0	0	112	6	3	0	
511	IMP AGRIC STATISTIC	16	9.1	3.0	1.3	2.3	49	2	0	0	0	7	232	56	1	
512	IMP GRACES PRST PRO	5	0.4	0.1	1.0	0.0	0	2	3	0	0	5	22	0	0	
513	PRICE ANAL PRST PRO	3	0.1	0.5	0.7	0.3	0	0	15	0	0	15	0	0	0	
	SUBTOTAL	239	52.6	60.5	18.4	53.5	1252	406	29	63	4	3754	491	347	0	
SERIES 600																
601	IGN MKT DEVELP	30	5.3	5.2	2.1	6.1	108	88	0	0	1	197	21	4	0	
602	RYAL FGN PCOD AID P	2	0.2	0.2	0.0	0.1	10	0	0	0	0	10	0	0	0	
603	RECH LBN PROJ CRY	18	10.3	25.4	2.4	21.3	5	0	0	0	0	26	0	0	0	

CIFICATION CATEGORY	NO OF FBOJ	STAFF SUPPORT YEARS				WCLY ST		OTH TOT	USDA	OTHER	STATE	PEOP	INDUS C	C			
		SYS	PROF	TECH	OTHER	WATP	RRP								STAY	GT	CSRS
USING	20	3.0	2.1	3.1	0.7	32	11	9	0	10	53	2	0	110	2	6	
FAM DEC MAX	52	10.6	14.6	2.4	1.7	129	131	9	0	3	231	1	2	544	15	14	
VER:Y	6	0.5	1.0	0.9	0.9	22	3	3	0	0	22	0	2	16	4	2	
ERT RURL PE	22	7.7	6.9	1.1	6.4	153	5	3	0	64	223	2	6	220	5	0	
AT FURL PE	43	10.9	15.4	2.3	8.7	92	10	0	1	1	107	1	39	789	11	103	
NT TO CHANG	64	16.9	18.6	1.2	11.3	146	161	0	0	42	349	0	173	715	6	26	6
ONOMIC CHAS	47	12.4	17.3	1.5	7.9	241	52	3	32	0	324	33	55	535	6	15	1
GRAMS	19	2.4	4.3	3.0	4.2	37	26	0	0	0	61	32	26	133	0	10	
TOTAL	273	61.6	80.0	14.0	41.7	851	368	0	33123	1176	71	362	3069	49	182	8	
LLUTION	192	53.8	76.7	49.7	43.4	690	382	20	90	0	1092	177	957	2425	121	593	4
RECREATION	49	12.0	11.3	7.1	6.0	94	67	53	0	14	228	12	119	465	3	22	2
E-FOREST PD	15	2.3	2.0	1.6	1.6	4	5	35	0	0	44	1	4	90	2	3	
ND FISH ECO	103	22.0	40.2	16.4	11.1	165	0	23	0	0	198	10	416	1124	25	257	4
AUTIPICATIC	31	6.8	2.7	8.5	3.1	25	5	11	0	0	60	0	12	596	12	20	4
6 TURF DEP	114	38.1	26.4	38.2	17.3	474	12	0	19	0	535	28	1	2133	43	212	3
COME IMP	44	9.1	11.1	2.6	5.0	146	13	0	23	44	227	30	26	355	9	1	1
STIMUL IMP	93	23.5	21.3	4.5	13.9	340	122	11	70	105	648	7	55	880	14	71	
IED	14	38.2	13.3	2.7	45.3	518	75	11	0	65	672	211	321	1266	1373	417	148
TOTAL	653	206.0	207.0	131.3	147.9	2365	684	143	203228	3663	476	1521	5335	1302	1597	169	
Y C ² MAN	5740		1976.9		1514.6	5774		2015			32432		15224		17629		453
D TOTAL		1766.2		1565.4		22478		17.3		422		4592		89523		11667	

CLASSIFICATION
CATEGORYNO
OF
PROJSUPPORT YEARS
SYS PROF. TECH OTHERSTAFF
NATH RREMCIN SP
STEN GX CSRSOTH TOT
CSRS CGCAUSDA OTHER
PED A

IN THOUSANDS OF DOLLARS

CLASSIFICATION	NO OF PROJ	SUPPORT YEARS SYS PROF. TECH OTHER	STAFF NATH RRE	MCIN SP STEN GX CSRS	OTH TOT CSRS CGCA	USDA OTHER PED A							
0100 SOIL AND LAND	324	114.3	160.7	89.8	87.6	813	350	96	150	0	1448	363	2469
0200 WATER	214	66.3	82.6	68.4	64.3	310	306	47	0	4	667	172	1945
0300 WATERSHRDS RIVER BAS	48	14.2	19.4	13.3	8.2	9	29	64	0	0	102	83	504
0400 AIR AND CLIMATE	48	21.8	24.8	23.3	19.0	48	33	33	0	0	114	42	1898
0500 RECREATION RESOURCES	53	14.3	17.0	2.4	7.1	42	88	106	0	0	236	37	127
0600 TIMBER FORST PRODUCT	377	142.6	159.1	58.4	81.2	111	1131	284	8	0	1515	834	2468
0700 RANGE	157	45.0	40.2	28.7	33.3	229	14	72	0	0	316	125	1518
0800 WILDLIFE AND FISH	174	41.9	88.4	43.1	74.4	144	8	96	0	0	250	133	1014
0900 CITRUS SUB TROP FRUIT	145	55.7	54.8	20.1	53.9	326	35	0	0	0	361	156	218
1000 FRUIT NUTS DECIDUOUS	272	102.0	82.4	88.9	130.9	596	396	0	11	0	1002	70	236
1100 POTATOES	97	33.4	15.1	34.8	28.5	224	26	0	82	0	333	3	110
1200 VEGETABLES	342	104.6	88.6	76.6	109.7	980	221	4	109	0	1314	166	367
1300 ORNAMENTALS TURF	174	43.0	36.5	23.5	37.1	216	9	5	0	0	229	26	25
1400 CORN	58	10.6	5.9	6.3	11.4	72	6	0	0	0	78	4	52
1500 GRAIN SORGHUM	32	3.9	1.5	2.1	3.2	20	0	0	0	0	20	2	1
1600 RICE	14	4.2	4.1	2.3	3.1	18	0	0	0	0	18	14	9
1700 WHEAT	161	44.4	36.6	48.8	51.9	340	117	0	0	0	571	78	166
1800 OTHER SMALL GRAINS	123	25.0	16.5	26.3	33.2	206	97	0	0	0	306	27	117
1900 PASTURE	29	5.9	1.3	3.8	7.4	13	3	0	0	0	16	8	28
2000 FORAGE CROPS	227	66.7	47.7	42.2	53.2	439	218	0	119	0	776	19	164
2100 COTTON	90	38.5	36.4	14.1	26.8	258	85	0	96	0	438	54	188
2200 COTTONSEED	4	1.3	1.1	1.5	0.4	5	10	0	0	0	15	0	4
2300 SOYBEANS	28	19.2	4.7	3.5	4.9	25	25	0	78	0	129	32	316
2400 PEANUTS	4	0.7	0.1	0.3	1.4	0	1	0	0	0	1	0	4
2500 OTHER OILSEED CROPS	24	5.6	6.9	3.3	7.3	25	20	0	21	14	78	4	31
2600 TOBACCO	1	0.7	2.0	1.7	0.2	9	0	0	0	0	9	0	12
2700 SUGAR CROPS	75	13.9	11.6	7.4	10.6	94	25	0	0	0	119	5	11
2800 MISC NEW CROPS	34	9.4	8.8	10.9	16.7	24	24	0	0	0	48	17	39
2900 POULTRY	94	37.4	12.0	51.5	36.7	356	127	0	0	0	483	10	187
3000 BEEF CATTLE	256	110.8	120.4	155.6	158.2	1065	1155	0	95	0	2315	306	2741
3100 DAIRY CATTLE	150	34.9	37.9	38.6	47.2	544	107	0	13	0	744	147	118
3200 SWINE	38	6.8	6.0	7.6	16.2	67	15	0	1	0	84	17	93
3300 SHEEP AND WOOL	105	29.9	17.0	21.1	25.7	342	231	0	0	0	573	25	106
3400 OTHER ANIMALS	59	15.2	16.0	13.3	11.2	94	65	0	0	0	159	2	311
3500 EGGS AND HONEY	21	4.3	8.0	2.7	4.7	44	92	0	0	0	136	20	12
3600 FARM SUPP & FACILITIES	22	4.3	5.2	1.1	2.8	30	48	0	0	0	78	15	7
3700 CLOTHING & TEXTILES	15	3.4	3.0	0.3	0.4	26	9	0	0	0	35	0	11
3800 FOOD	110	35.4	32.4	16.8	19.0	291	120	0	48	0	459	6	672
3900 HOUSING & EQUIP	48	15.3	11.2	13.9	24.3	50	1	10	10	0	71	27	871
4000 PEOPLE AS INDIVIDUAL	152	48.4	67.6	29.2	30.2	263	221	0	70	63	617	26	1055
4100 FAMILY MEMBERS	35	8.6	5.6	1.1	2.5	63	99	0	15	2	178	0	2
4200 FARM AS BUSINESS	27	8.4	6.8	1.9	5.4	82	29	0	0	0	111	10	13
4300 SOC POLIT ORGANIZ	81	20.4	23.7	4.9	9.6	314	37	0	30	88	469	4	77
4400 AGRIC ECONOMY U S	22	5.8	8.2	1.8	4.3	77	42	0	0	0	119	7	11
4500 AGRIC ECONOMY FORGN	5	1.4	2.7	0.2	1.1	20	0	0	0	0	20	2	0
4600 FARM COOPERATIVES	12	1.6	1.2	0.2	1.4	13	6	0	0	0	19	1	7
4700 OTH MARKET PROCESES	8	0.7	0.4	0.0	0.8	11	6	0	0	0	17	1	0
4800 MARKETING SYSTEMS	23	4.9	3.2	0.7	3.1	84	28	0	8	0	119	9	0
4900 WEEDS	19	6.3	6.5	1.7	3.5	74	4	0	0	0	76	14	10
5000 SEED RESEARCH	16	4.5	0.2	2.0	1.6	24	0	0	0	0	24	0	25
5100 BIO CELL SYSTEMS	50	24.5	30.1	7.3	10.8	99	7	0	0	0	106	5	729
5200 EXP DESIGN/STAT METH	18	8.4	7.7	1.1	7.5	12	0	0	0	0	12	71	120
5300 INVERTEBRATES	110	47.4	71.1	27.7	31.8	204	61	0	2	0	267	25	984
5400 MICROORGANISMS, VIRUS	55	16.5	21.0	5.6	11.3	115	13	0	1	0	129	3	602
5500 PLANTS	198	68.7	52.1	34.3	46.4	434	110	0	5	0	550	40	1011
5600 ANIMALS (VERTEBRATES)	75	45.2	36.3	48.4	36.4	96	47	0	0	0	143	44	1210
5700 RESEARCH ON RESEARCH	9	2.5	2.0	0.5	1.0	15	1	0	0	0	16	83	32
5800 RESEARCH EQUIP & TECHNOL	28	9.1	19.6	6.2	11.7	12	0	0	0	0	21	20	469
5900 UNCLASSIFIED	9	6.2	1.5	0.1	4.7	11	0	0	0	0	11	32	2
TOTAL	5153	1683.3	1731.1	1242.5	1541.1	10533	5059	1827	1085	171	10674	25526	87333

[illegible]

COMMUNICATION CATEGORY	NO. OF PAGES	STAFF SUPPORT PAGES					ACTA SP		OTH FOY	USDA CHCA	OTHER FED	STATE AFF-IO	1900 MALES	1910 F
		IT	FOCP	TECH	CPRE	MATH	PLF	STEN						
DEFENSE														
901 ARMY	6	1.9	3.1	0.1	4.0	6	6	0	0	0	6	0	40	6
902 ARMY & MARINE	12	1.1	5.1	3.5	3.0	57	44	0	15	0	116	0	196	6
903 ARMY & MARINE	7	1.2	0.6	3.1	1.3	15	6	0	15	0	37	0	32	2
904 ARMY & MARINE	17	2.9	4.5	0.4	2.5	9	47	0	0	46	102	0	131	1
905 ARMY & MARINE	14	4.7	1.2	1.2	2.1	55	13	0	2	71	0	0	103	7
906 ARMY & MARINE	14	3.9	6.0	1.1	3.4	46	65	0	15	3	170	0	235	10
907 ARMY & MARINE	25	6.3	6.3	2.5	4.5	48	0	0	0	0	52	4	24	201
908 ARMY & MARINE	7	1.6	2.6	0.3	1.3	37	0	0	0	0	37	1	0	52
909 ARMY & MARINE	145	12.6	29.3	5.2	22.4	312	226	3	45	52	635	6	74	1006
DEFENSE														
901 ARMY	165	56.5	105.7	52.3	67.9	325	329	13	31	0	706	150	1730	2594
902 ARMY	13	10.1	16.4	2.4	6.9	41	87	104	0	0	232	34	126	515
903 ARMY	15	1.9	1.4	0.5	1.3	8	1	17	3	0	26	11	5	24
904 ARMY	153	36.6	85.4	42.3	73.6	125	8	52	3	0	227	132	907	2240
905 ARMY	15	11.9	11.0	7.3	6.9	21	34	22	0	0	77	31	95	664
906 ARMY	17	15.8	33.2	23.4	15.4	207	7	3	3	0	234	23	16	2415
907 ARMY	15	9.0	9.6	1.0	4.3	42	34	0	15	72	163	0	1	279
908 ARMY	53	11.1	14.3	3.4	5.4	259	21	0	15	25	315	3	76	302
909 ARMY	6	4.2	1.5	6.1	4.7	11	3	0	0	0	11	32	2	548
910 ARMY	643	154.3	278.5	129.7	192.0	1030	520	254	66	101	1972	425	2558	10051
DEFENSE														
901 ARMY	165	56.5	105.7	52.3	67.9	325	329	13	31	0	706	150	1730	2594
902 ARMY	13	10.1	16.4	2.4	6.9	41	87	104	0	0	232	34	126	515
903 ARMY	15	1.9	1.4	0.5	1.3	8	1	17	3	0	26	11	5	24
904 ARMY	153	36.6	85.4	42.3	73.6	125	8	52	3	0	227	132	907	2240
905 ARMY	15	11.9	11.0	7.3	6.9	21	34	22	0	0	77	31	95	664
906 ARMY	17	15.8	33.2	23.4	15.4	207	7	3	3	0	234	23	16	2415
907 ARMY	15	9.0	9.6	1.0	4.3	42	34	0	15	72	163	0	1	279
908 ARMY	53	11.1	14.3	3										

CLASSIFICATION CATEGORY	NO OF PROD	STAFF				RECORDS OF DECLASS											
		OPS	PROP	TECH	CLERK	HAIR	REF	STEN	CL	CSRS	CSA	CLCA	PRE	APPRO	LAIES	OTHER	
SOIL AND LAND	1005	154.4	151.5	295.8	273.6	3598	1171	236	228	65	5219	674	1626	1515	1321	2492	15
WATER	604	106.1	136.5	208.1	184.5	1537	717	82	15	4	2326	253	2524	755	157	1171	11
WATERFURDING WATER	122	14.8	36.5	39.0	24.3	191	125	124	0	5	649	105	524	1246	42	79	4
WATER AND CLIMATE	13	42.5	50.0	35.2	42.6	265	157	51	0	0	513	172	2157	1676	67	455	4
WATERFURDING WATER	105	42.9	44.0	17.7	23.5	269	325	276	0	14	864	55	267	5242	42	4	4
WATERFURDING WATER	906	133.4	319.2	240.2	211.1	1094	540	275	51	1	6466	1311	2162	12493	537	1766	9
WATERFURDING WATER	239	101.5	52.0	52.1	69.5	389	53	134	9	0	555	97	1615	1161	316	216	2
WATERFURDING WATER	139	165.1	202.6	151.1	175.3	1095	236	356	0	0	1637	206	2362	7394	934	1768	13
WATERFURDING WATER	200	121.1	70.6	102.7	139.3	798	92	5	0	0	995	195	364	6512	159	416	1
WATERFURDING WATER	492	153.2	222.4	350.4	352.5	3886	1064	42	13	0	5067	261	156	20260	155	1268	4
WATERFURDING WATER	132	36.1	62.7	94.6	66.5	965	476	0	128	0	1568	51	141	4371	274	476	1
WATERFURDING WATER	1257	412.3	275.6	161.9	463.4	2186	830	4	274	0	5864	497	515	22410	643	1142	4
WATERFURDING WATER	576	201.7	121.4	155.3	193.9	1201	264	3	27	8	2404	72	112	11364	303	534	2
WATERFURDING WATER	766	171.9	122.3	167.9	173.5	2352	556	1	47	0	2953	297	546	4532	642	1256	4
WATERFURDING WATER	270	52.4	53.4	53.6	53.3	689	131	9	8	0	626	63	132	4924	435	157	1
WATERFURDING WATER	101	16.2	29.6	21.8	23.5	234	11	3	2	0	219	15	139	136	257	1	2492
WATERFURDING WATER	497	140.0	133.9	194.0	109.0	567	385	3	167	1	2319	234	473	6766	766	785	1
WATERFURDING WATER	175	71.5	54.9	73.7	73.1	1313	133	0	7	0	1154	44	137	3474	364	964	1
WATERFURDING WATER	175	37.2	10.8	18.6	55.2	304	48	0	15	0	367	155	45	2527	303	79	1
WATERFURDING WATER	806	241.0	159.3	241.4	286.7	2677	865	6	352	2	1554	164	515	11164	1145	133	1
WATERFURDING WATER	100	133.4	90.9	95.1	126.1	1495	575	0	299	2	2162	356	616	7517	60	1353	1
WATERFURDING WATER	18	1.1	2.1	4.3	1.9	39	13	0	22	0	73	0	4	55	0	73	1
WATERFURDING WATER	740	200.1	131.8	199.2	171.5	2495	797	9	513	0	3705	363	523	5670	912	1456	1
WATERFURDING WATER	100	41.7	19.7	56.9	66.5	438	29	0	32	0	499	72	32	2566	147	264	1
WATERFURDING WATER	97	14.7	16.2	9.4	19.7	106	25	9	21	14	165	31	56	510	46	174	1
WATERFURDING WATER	104	14.0	40.4	43.0	92.8	759	21	2	14	0	834	43	40	4392	222	270	1
WATERFURDING WATER	178	57.1	29.1	23.6	125.7	634	52	0	2	0	858	26	56	2899	237	392	1
WATERFURDING WATER	131	22.1	16.3	23.4	59.1	194	137	5	0	0	330	39	112	1427	141	362	1
WATERFURDING WATER	715	294.4	185.0	194.6	259.1	4343	1461	3	13	48	5561	243	124	14391	1670	850	1
WATERFURDING WATER	1157	106.7	111.6	537.6	566.7	5672	2654	7	431	4	8764	1474	3044	28230	10580	1611	1
WATERFURDING WATER	1021	124.8	291.7	300.0	466.8	5677	1531	4	88	7	7406	117	1799	20726	4256	1523	1
WATERFURDING WATER	521	150.9	126.9	282.1	255.2	2739	578	0	225	0	3543	471	624	10622	1780	1107	1
WATERFURDING WATER	141	71.0	51.5	66.7	75.6	1126	396	2	5	0	1529	116	257	4717	939	320	1
WATERFURDING WATER	167	102.7	69.5	129.4	72.7	1093	164	6	16	0	1235	97	1479	4746	457	476	1
WATERFURDING WATER	43	12.0	14.4	5.5	15.4	119	32	0	0	0	211	34	19	726	26	33	1
WATERFURDING WATER	98	28.1	15.6	11.8	13.6	394	60	0	3	0	368	42	136	993	243	96	1
WATERFURDING WATER	61	12.9	12.7	3.5	7.7	223	98	0	0	0	317	18	11	489	3	4	1
WATERFURDING WATER	404	180.0	109.9	116.5	92.3	2052	968	0	142	0	3232	211	1874	5592	260	582	1
WATERFURDING WATER	197	55.4	30.6	91.0	46.6	416	174	25	51	13	677	251	1234	1968	69	149	1
WATERFURDING WATER	132	113.7	103.0	107.3	119.6	2021	766	0	254213	3216	137	2636	6344	228	456	1	
WATERFURDING WATER	175	40.0	35.2	9.9	26.1	555	112	0	15	32	904	7	79	1550	53	83	1
WATERFURDING WATER	171	50.4	12.1	18.8	50.5	1153	54	0	2	0	1249	112	57	1767	56	42	1
WATERFURDING WATER	416	120.1	121.9	25.9	81.0	1941	596	12	246631	3415	77	480	3526	117	349	1	
WATERFURDING WATER	136	11.1	45.6	11.4	55.7	437	103	1	32	5	572	97	158	1253	58	45	1
WATERFURDING WATER	20	10.9	12.2	6.6	9.1	96	0	0	0	0	85	463	0	337	18	29	1
WATERFURDING WATER	40	6.4	6.8	1.9	7.4	177	52	3	0	0	244	24	42	167	7	5	1
WATERFURDING WATER	41	11.4	5.0	5.2	6.8	143	20	1	0	0	171	6	63	224	6	63	1
WATERFURDING WATER	100	25.7	19.5	6.1	20.4	446	290	1	48	0	785	124	72	520	17	68	1
WATERFURDING WATER	47	10.4	11.5	11.3	6.4	167	84	0	4	0	169	15	74	507	17	68	1
WATERFURDING WATER	27	2.6	4.2	12.4	9.6	72	17	0	0	0	89	5	30	353	38	29	1
WATERFURDING WATER	204	82.3	110.0	59.3	40.5	665	21	0	0	0	686	11	3059	3005	132	176	1
WATERFURDING WATER	55	25.4	10.0	13.9	19.4	162	2	0	0	0	164	315	92	1263	50	31	1
WATERFURDING WATER	241	105.7	121.1	83.0	61.4	726	65	0	38	0	610	63	2035	4662	115	346	1
WATERFURDING WATER	221	82.2	71.9	88.7	42.1	615	79	0	26	0	719	61	2671	3358	72	257	1
WATERFURDING WATER	581	216.2	289.5	159.4	175.9	2949	652	2	405	0	3209	198	1875	11542	640	146	1
WATERFURDING WATER	204	112.4	106.6	127.7	103.5	818	195	2	42	0	1357	75	2710	5470	574	457	1
WATERFURDING WATER	27	10.0	9.1	2.1	2.4	92	145	1	9	0	207	117	65	352	1	6	1
WATERFURDING WATER	43	26.6	16.5	21.9	22.2	332	51	43	0	0	242	54	921	1098	40	85	1
WATERFURDING WATER	43	111.0	10.1	8.7	53.2	775	175	43	0	65	1055	500	684	5051	1905	688	3

1.	20121	5494.6	6375.6	21642	4102	105944	51332	38675	20
	6556.7	6099.2	72435	6142	141	11739	336167	31816	

ACTIVITY CATEGORY	NO OF OP PLANS	STAFF SUPPORT YEARS						MCIN ST	OTM TOT	USDA CCRA	CFR REC	STATE APPROP	FED SALES	INDUS -TRY	OTHER		
		CYS	PROJ	TECH	OTHER	MATH	EPE										
S. POL.	111	54.9	49.6	35.2	29.7	889	608	0	585	0	1677	16	650	2149	63	209	45
PHON TOX	107	57.3	52.6	52.7	32.8	765	358	0	22	0	1156	15	1000	2251	121	269	95
PROP. RIGHTS	104	11.5	24.2	22.6	18.7	433	245	1	50	0	729	21	111	695	67	73	25
FOOD SERV	51	10.1	14.7	6.6	9.1	169	102	0	52	0	322	6	54	192	10	13	1
CLOTH & LE	57	16.9	11.4	2.7	7.0	158	89	0	0	0	265	18	11	951	3	4	9
ELECTS AFF H	105	41.6	40.0	21.6	25.1	354	64	0	34	0	452	26	373	1976	17	247	197
WATER WAK OI	21	1.5	7.6	5.6	2.2	25	8	0	0	0	51	16	303	230	2	15	1
PETITION	315	95.1	139.3	103.7	62.7	1126	506	0	237	0	1959	93	2633	1534	104	291	270
CL. HLTH & S	6	11.0	11.7	9.7	7.7	105	50	12	0	0	167	7	21	513	13	75	19
TOTAL	1876	329.3	350.1	252.6	154.9	3697	2109	12	381	0	6759	221	5362	12515	468	1197	620
USING	80	11.1	5.8	5.6	12.1	116	116	0	0	13	215	3	76	354	9	12	4
FAM DEC MAK	139	26.8	26.6	7.0	12.6	635	197	0	15	8	625	4	37	1355	43	97	6
PROPERTY	30	7.5	5.3	1.3	9.6	126	21	0	15	28	733	0	20	195	9	4	5
EMPT FUEL PE	86	22.2	16.9	6.0	21.0	323	97	0	8187	0	637	31	154	565	5	9	595
INT BURAL PE	111	27.1	22.8	6.7	18.6	280	24	0	0	7	310	2	139	1613	16	105	132
TOY TO CHANG	157	41.6	42.4	12.4	46.2	569	261	0	15	45	904	7	206	1366	28	34	111
ECOMIC CHAN	110	31.1	28.6	10.9	23.2	426	137	3	32	0	565	60	112	1145	26	37	67
GRAMS	35	6.5	7.0	3.7	9.1	195	26	0	0	0	175	3	26	260	3	13	0
TOTAL	718	177.6	147.6	54.0	134.3	2163	850	3	772	10	3630	150	773	6625	212	436	443
ADDITION	660	226.4	274.7	223.4	177.5	2285	1349	8	239	0	3941	377	3814	5863	447	1620	581
REPERATION	101	10.4	50.2	16.3	21.3	264	319	2	0	14	521	54	287	1167	40	38	110
FOREST PM	61	14.5	12.4	11.3	8.6	17	6	200	0	0	224	71	8	395	10	21	81
AND FISH FCU	452	151.0	180.1	132.4	166.3	884	212	124	0	3	1923	162	2012	6124	362	1423	1253
IDENTIFICATION	91	23.0	16.1	16.2	12.2	155	94	61	0	0	330	11	63	1194	19	50	97
& TURF DRV	561	200.6	116.4	191.2	109.2	2061	262	1	47	9	2155	76	51	10700	302	91	134
HOME INC	164	41.6	39.0	9.4	26.6	617	165	0	111262	115	36	70	1082	29	74	42	
STITUT IMP	204	77.4	75.0	21.2	31.1	1317	822	12	156358	2207	40	29	2186	100	165	111	
IED	4	111.0	18.1	8.7	53.1	775	175	40	0	65	1053	500	644	5051	1935	688	3288
TOTAL	4867	674.1	772.1	630.1	370.1	8334	2584	153	536787	13551	1348	7324	34250	1833	5065	5828	2100
OF AM	10495	5494.6	6375.6	2162	6142	6462	101944	21033	16675	20443							
TOTAL		6556.7	6040.2	72436	6142	141											

COUNTRY	ST OF 1-10	STAFF					ACIA SE OTH TOT USDA OTHER STATE PROD IN										
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1100 SOIL AND LAND	40	14.9	9.5	7.3	5.7	0	0	142	0	0	142	6	645	456	0	0	0
1200 WATER	16	5.2	5.5	5.2	4.1	0	0	46	3	0	49	7	329	260	9	0	0
1300 WATERSHEDS, RIVERS, LAKES	14	2.9	3.6	2.3	1.5	0	0	28	0	0	28	47	12	90	0	0	0
1400 ATE AND CLIMATE	2	1.1	0.6	0.4	0.4	0	0	24	0	0	24	2	0	27	0	0	0
1500 RECREATION, PUBLIC WORKS	1	0.3	0.5	0.6	1.4	0	0	105	0	0	105	14	51	111	0	0	0
1600 FOREST PRODUCTS	100	125.5	113.0	84.7	51.6	0	0	1536	0	0	1536	507	2022	4386	155	6	0
1700 HUNTER	47	4.0	5.1	0.0	3.6	0	0	25	0	0	25	51	16	80	0	0	0
1800 WILDLIFE AND FISH	27	19.4	25.7	28.5	3.2	0	0	136	0	0	136	66	548	516	11	0	0
1900 ENVIRONMENTAL THREATS	1	0.1	0.0	0.0	0.0	0	0	3	0	0	3	0	0	4	0	0	0
2000 FOREST PRODUCTS	1	0.2	0.9	0.5	1.2	0	0	0	3	0	3	3	0	7	0	0	0
2100 CRYSTALLINE	1	0.5	2.1	0.0	0.0	0	0	0	18	0	18	0	0	19	0	0	0
2200 COUNTRY	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0
2300 BEEHIVE	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0
2400 SWINE	1	0.0	0.0	0.0	0.0	0	0	38	0	0	38	0	0	0	0	0	0
2500 CATTLE AND GOATS	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
2600 PIGS AS INDIVIDUAL	1	0.5	0.0	0.0	0.0	0	0	7	0	0	7	1	0	11	0	0	0
2700 SOIL FERTILIZERS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
2800 AGRICULTURAL MACHINERY	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
2900 BIO CELL SYSTEMS	1	0.2	0.1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
3000 RAIL REPAIR/STAT MATH	4	0.0	1.0	0.0	0.1	0	0	0	0	0	0	0	116	8	0	0	0
3100 INVERTEBRATES	1	1.0	0.0	0.2	0.0	0	0	0	0	0	0	0	0	0	0	0	0
3200 MICROORGANISMS, VIRUS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
3300 PLANTS	4	0.0	0.1	0.0	0.0	0	0	0	0	0	0	0	33	17	0	0	0
3400 AGRICULTURE & TECHNOLOGY	4	0.6	6.8	0.4	1.1	0	0	20	0	0	20	0	0	22	0	0	0
3500 UNCLASSIFIED	1	10.5	12.9	5.7	1.4	0	0	0	0	0	0	107	78	673	0	0	0
TOTAL	648	208.4	190.1	115.1	74.4	0	0	2033	56	0	2089	815	3859	301	91	0	0

CLASSIFICATION CATEGORY	DC OF PROJ	STAFF					MAIN SP OUTG TOT										WEGA			STATE			INMUS	
		SYS	PRCF	TECH	CTERN	EATH	PRF	ITEM	GT	CSBS	CSBS	CGCA	PED	APPSO	SALES	TRY								
AND LAND	27	0.3	1.6	4.5	5.5	0	0	0	596	0	596	0	2	0	0	0								
RR	15	7.8	0.5	6.6	3.3	0	0	0	359	0	359	0	0	0	0	0								
PSHIPS RIVER BAS	1	1.5	2.1	5.3	0.0	0	0	0	62	0	62	0	0	0	0	0								
AND CLIMATE	1	0.4	0.3	0.6	0.0	0	0	0	40	0	40	0	0	0	0	0								
ATION RESOURCES	1	1.0	0.0	1.0	2.1	0	0	0	43	0	43	0	0	0	0	0								
DES POCT PRODUCT	3	0.6	0.1	1.6	6.7	0	0	0	23	0	23	0	24	0	0	0								
OLIVE AND FISH	16	4.1	1.6	3.2	3.4	0	0	0	320	0	320	0	16	0	0	0								
US SUR TGL PRUT	2	0.1	0.1	0.1	6.5	0	0	0	9	0	9	0	0	0	0	0								
ET NUCS SPECULOUS	7	2.4	0.4	2.6	3.9	0	0	0	195	0	195	0	0	0	0	0								
ETABERS	26	9.3	1.3	6.4	6.1	0	0	0	509	0	509	0	0	0	0	0								
ENTALS TURE	5	0.4	0.0	0.0	3.6	0	0	0	42	0	42	0	0	0	3	3								
Y	1	0.2	0.0	0.1	1.0	0	0	0	3	0	3	0	0	0	0	0								
EN SCOHUM	1	0.0	0.0	0.0	0.0	0	0	0	3	0	3	0	0	0	0	0								
AT	4	0.6	0.0	0.0	0.5	0	0	0	31	0	31	0	0	0	0	0								
LE BALL GRAINE	17	6.1	0.0	5.4	7.5	0	0	0	686	0	686	0	0	0	0	0								
UPE	1	0.1	0.0	0.0	0.0	0	0	0	4	0	4	0	0	0	0	0								
UGE CROPS	6	0.7	0.0	0.6	0.3	0	0	0	121	0	121	0	4	0	0	0								
CON	5	6.0	9.0	13.1	3.0	0	0	0	236	0	236	0	0	0	0	0								
CONSEED	1	0.6	0.0	0.1	0.1	0	0	0	1	0	1	0	0	0	0	0								
SEANS	29	9.2	2.6	3.5	5.0	0	0	0	538	0	538	0	5	203	1	0								
UTS	0	4.6	1.1	2.1	1.6	0	0	0	243	0	243	0	0	0	0	0								
PR OILSEED CROPS	1	3.0	0.0	0.0	0.0	0	0	0	4	0	4	0	0	0	0	0								
CCO	2	0.1	0.6	0.6	0.0	0	0	0	33	0	33	0	0	0	0	0								
NEW CROPS	1	0.2	0.3	0.0	0.5	0	0	0	6	0	6	0	0	0	0	0								
LEY	17	5.0	0.0	2.4	5.6	0	0	0	432	0	432	0	6	0	0	0								
Y CATTLE	25	6.1	0.5	5.8	9.4	0	0	0	717	0	717	0	0	0	0	0								
Y CATTLE	11	2.0	0.5	4.0	1.3	0	0	0	127	0	127	0	0	0	0	0								
RE	23	6.6	1.1	4.3	4.6	0	0	0	346	0	346	0	18	0	0	0								
IP AND WOOL	4	1.1	0.4	1.1	0.3	0	0	0	53	0	53	0	0	0	0	0								
F ANIMALS	11	3.3	1.5	2.6	3.5	0	0	0	100	0	100	0	0	0	0	0								
Y SHIP & FACILITS	5	3.6	0.2	2.6	1.1	0	0	0	284	0	284	0	0	0	0	0								
CHING & TEXTILES	4	0.9	0.6	1.9	3.6	0	0	0	64	0	64	0	0	0	0	0								
ING	54	15.5	8.4	16.0	11.5	0	0	0	676	0	676	0	0	0	0	0								
ING & EQUIP	7	3.1	2.9	1.0	2.1	0	0	0	153	0	153	0	0	0	0	0								
LE AS INDIVIDUAL	92	23.5	6.7	20.7	26.9	0	0	0	1714	0	1714	0	2	15	0	0								
LY MEMBERS	16	7.6	7.2	3.4	9.6	0	0	0	590	0	590	0	25	0	0	0								
AS BUSINESS	7	2.1	0.3	1.0	3.4	0	0	0	121	0	121	0	0	0	0	0								
OLIT ORGANIZ	21	2.7	0.4	3.0	6.1	0	0	0	356	0	356	0	2	0	0	0								
COOPERATIVE S	1	0.1	0.6	0.0	3.4	0	0	0	17	0	17	0	0	0	0	0								
COOPERATIVES	5	0.5	2.0	0.0	1.0	0	0	0	125	0	125	0	0	0	0	0								
ETING SYSTEMS	2	0.8	0.3	1.5	0.5	0	0	0	90	0	90	0	0	0	0	0								
IS	7	1.5	0.0	0.1	3.2	0	0	0	26	0	26	0	0	0	0	0								
CELL SYSTEMS	1	0.1	0.0	0.0	0.4	0	0	0	13	0	13	0	0	0	0	0								
PRIMATES	1	0.0	0.0	0.2	1.6	0	0	0	10	0	10	0	0	0	0	0								
ORGANISMS, VIRUS	1	0.2	0.0	0.0	0.0	0	0	0	14	0	14	0	0	0	0	0								
TS	6	2.3	1.5	0.1	1.2	0	0	0	129	0	129	0	3	0	0	0								
IALS (VERTEBRATES)	2	0.3	0.0	0.4	1.0	0	0	0	24	0	24	0	0	0	0	0								
	536		61.2		149.4	0	0	0	11617	0	11617	0	14	7	0	0								
		153.4		131.5																				

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(INCLUDES SABS-FORESTRY AND OTHER)

TABLE 17-2-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLAR

		40 OP	SYS	STAFF				MATH	EXP	ACCT STEN	SIC	OTH CSRS	TOT CSRS	USDA CSCA	OTHER FBO	STATE ALPHA	PRGR SALER	INOU -TRY
				PROG	TECH	REARS	OTHER											
ALABAMA	LUBURN	217	155.7	67.4	107.1	225.3	1835	588	273	78	32	2805	219	230	5831	3031	434	
KANSAS	PAIPETTEVILLE	265	97.0	170.2	23.3	113.9	1544	385	211	21	0	2160	161	282	7126	0	388	
LOUISIANA	GAINESEVILLE	505	368.4	60.5	461.7	444.8	1193	334	257	330	0	2116	638	1168	21510	560	1666	
MASSACHUSETTS	ATHEWS	340	187.5	34.4	238.9	276.5	1985	579	294	69	31	2958	124	152	11161	0	451	
MISSISSIPPI	LEAKINGTON	167	101.1	94.0	94.8	79.8	2201	449	176	112	0	2618	0	33	5071	0	0	
NEBRASKA	BATON ROUGE	404	207.9	0.0	0.0	0.0	1919	355	194	55	26	2066	177	230	11042	4	633	
NORTH CAROLINA	STATE COLLEGE	258	169.6	47.8	127.3	248.2	1626	448	234	110	0	2718	357	400	6787	1612	289	
OKLAHOMA	KATOWICZ	522	203.5	406.6	382.2	229.2	2991	636	278	60	66	4032	362	1560	15556	626	1403	
OREGON	STILLWATER	237	99.0	4.7	0.0	0.0	1361	318	134	102	23	1942	122	543	6245	91	209	
SOUTH CAROLINA	BOOZEMAN	137	107.4	35.3	92.9	435.2	2389	413	3	0	34	2533	32	68	4467	776	1	
TENNESSEE	CLEMSON	230	97.8	100.1	119.7	142.3	1955	366	0	175	29	2165	0	0	6909	0	0	
TEXAS	KNOXVILLE	221	101.0	58.2	25.1	156.5	2190	456	188	0	39	2875	0	19	3872	1501	159	
VIRGINIA	COLLEGE ST	514	274.6	90.0	338.7	229.0	2572	643	130	71	38	3421	916	1103	14635	1525	2627	
WASHINGTON	BLACKSBURG	329	162.3	52.5	384.8	105.6	1890	416	235	78	34	2651	342	1409	6711	4	945	
WEST VIRGINIA	ST. THOMAS	8	4.5	0.0	4.0	7.4	114	8	0	0	0	156	0	0	37	0	0	
SUBTOTAL - SALES		4438	2311.9	1197.7	2350.5	2745.3	326907	642525	2575	1321	352	37560	1471	7245	126971	9836	9207	
ALABAMA	TUSKEGEE	50	3.6	2.0	6.3	18.3	0	0	0	611	0	611	0	0	0	0	0	
ALABAMA	MOPAL	19	8.6	0.0	8.0	5.4	0	0	0	346	0	846	0	0	0	0	0	
ARKANSAS	FINCH ELIFF	26	8.3	3.0	5.0	3.5	0	0	0	628	0	628	0	0	0	0	0	
FLORIDA	TALLAHASSEE	13	13.5	0.0	0.0	0.0	0	0	0	1492	0	432	0	0	0	0	0	
GEORGIA	PORT VALLEY COL	28	16.4	0.6	11.3	14.3	0	0	0	1017	0	1017	0	0	0	0	0	
ILLINOIS	FRANKFORD	31	10.6	0.0	15.7	6.0	0	0	0	732	0	732	0	0	0	0	0	
KANSAS	BATON ROUGE	25	7.4	0.7	10.4	9.2	0	0	0	805	0	805	0	0	0	0	0	
LOUISIANA	LOUISIANA	17	5.3	3.3	5.8	17.3	0	0	0	364	0	364	0	0	0	0	0	
MASSACHUSETTS	GREENSBORO	28	8.4	7.2	13.0	7.3	0	0	0	529	0	929	0	0	0	0	0	
MISSISSIPPI	LANGSTON	19	11.6	14.0	21.1	2.5	0	0	0	497	0	497	0	0	0	0	0	
NEBRASKA	OSAWATOMIE	18	7.8	1.7	4.7	2.9	0	0	0	275	0	275	0	0	0	0	0	
NEBRASKA	WASHVILLE	29	6.9	0.0	0.0	35.9	0	0	0	753	0	753	0	0	0	0	0	
NORTH CAROLINA	PRAIRIE VIEW A&M	25	3.6	4.2	0.7	1.5	0	0	0	926	0	926	0	0	0	0	0	
NORTH CAROLINA	PETERSBURG	11	11.7	1.5	5.3	7.0	0	0	0	593	0	593	0	0	0	0	0	
SUBTOTAL - GCI		344	124.7	34.9	109.3	133.7	0	0	0	9460	0	9460	0	0	0	0	0	
OREGON	BUSTON	6	3.6	0.0	0.0	0.0	0	0	65	0	0	65	0	0	108	0	0	
OREGON	CLEMSON	49	12.0	9.0	10.5	6.6	0	0	215	0	0	215	25	36	349	101	0	
OREGON	NACOSDOCHE	23	6.7	2.4	5.0	1.4	0	0	115	0	0	115	1	212	198	0	0	

TABLE IV-P-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		RD OF FUND	SYS	STAFF			NATH	BRI	MCM	SP	OTH	TOT	USDA	OTHER	STATE	FED
				SUPPOT	TECH	OTHER										
				FUND					STEN	GT	CSRS	CCCA	FEE	AFRC	SALES	
ALASKA	FAIRBANKS	21	10.3	2.3	15.4	5.3	692	76	3	0	0	570	0	0	1057	0
ILLINOIS	URBANA	106	151.7	172.1	73.0	156.8	2113	534	76	122	93	3031	53	16.2	1349	1439
INDIANA	LAFAYETTE	139	176.5	472.9	123.6	194.0	2065	366	141	109	0	2621	136	27.17	5462	2645
IOWA	AMES	117	116.0	197.5	51.5	165.3	2157	624	30	102113	3256	645	11.27	6344	1410	
KANSAS	MANHATTAN	548	105.0	226.3	159.4	91.5	1382	606	54	66	27	1941	119	9.53	7746	2712
MICHIGAN	LANSING	913	168.1	151.2	189.5	72.6	2153	472	52	223	0	2440	639	14.76	5221	938
MINNESOTA	ST PAUL	405	168.3	124.1	161.8	134.3	2346	471	153	62102	2876	244	19.17	13725	0	
MISSOURI	COLUMBIA	183	114.7	202.5	95.1	157.0	2037	427	154	165	0	2823	510	7.56	5435	1317
NORTH CAROLINA	CAROL	266	115.7	71.3	111.0	41.5	564	327	39	43	18	1391	234	3.26	5667	323
NEBRASKA	LINCOLN	223	104.2	152.5	283.6	253.3	1263	461	67	162	26	2303	1156	7.24	7147	2763
OHIO	WINDYBIRD	111	117.0	51.5	239.3	3.0	2544	580	162	126	62	3344	236	3.04	10183	0
SOUTH CAROLINA	CHARLOTTE	175	91.0	56.2	0.0	53.9	577	336	56	90	0	1454	24	2.26	3603	0
WISCONSIN	MILWAUKEE	542	161.2	436.5	50.9	87.1	2059	562	213	99	28	2549	135	4.53	6421	10
SUBTOTAL - PARK		3562	1726.4	1940.1	1539.9	1679	222477	57761364	1458423	31513	457315224	8663117627				
LINCOLN UNIV	APPROPRIATION	20	17.3	20.1	15.1	13.4	0	0	0	502	0	502	0	0	0	0
SUBTOTAL - DCU		20	17.3	20.1	15.1	13.4	0	0	0	502	0	502	0	0	0	0
FORESTRY SCH	PLANTSTAFF	5	1.0	0.1	0.0	6.1	0	0	176	0	0	136	0	0	0	0
FORESTRY SCH	CARDPAPER	10	4.1	0.0	0.0	11.6	0	0	94	38	0	112	18	0	243	0
FORESTRY SCH	ARK ARBOR	47	7.3	13.2	0.0	3.0	0	0	55	18	0	113	0	0	183	0
FORESTRY SCH	BOHNDON	11	13.9	2.7	19.4	7.2	0	0	54	0	0	54	0	0	496	0
SUBTOTAL - FORESTY SCH		11	24.3	16.7	19.4	22.9	0	0	363	56	0	415	18	0	922	0
TOTAL		4693	1744.2	1976.5	1565.4	1534.6	22676	5774	1743	2015	422	32432	4592	15224	89523	17628

SABES REGION & WESTERN REGION

(INCLUDES SABES-FORESTRY SCH-D)

TABLE IV-P-7 SUMMARY BY STATION

OF 1977 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		RD OF FUND	SYS	STAFF			NATH	BRI	MCM	SP	OTH	TOT	USDA	OTHER	STATE	FED
				SUPPOT	TECH	OTHER										
				FUND					STEN	GT	CSRS	CCCA	FEE	AFRC	SALES	
ARIZONA	TUPELO	244	128.5	68.5	66.4	93.6	667	407	59	61	3	1186	289	334	6331	352
CALIFORNIA	PERKLEY	1037	548.4	939.3	256.7	534.5	1931	656	251	226	42	3306	1293	7447	38429	144
COLORADO	PT COLLINS	157	160.4	119.1	255.1	115.8	872	512	0	73	14	1472	0	9618	4035	2674
GUAM	AGANA	5	1.0	0.0	0.0	0.0	435	65	0	0	0	485	0	0	0	0
HAWAII	BERNARD	203	95.1	19.5	12.5	133.0	545	207	66	41	0	861	421	244	4651	17
IDAHO	ROSLIN	108	76.4	56.3	76.8	49.7	827	317	0	178	26	1347	119	207	3524	496
MONTANA	BOZEMAN	174	64.3	83.5	51.3	157.9	769	355	0	29	14	1170	167	1003	3252	1140
NEVADA	RENO	86	14.7	32.7	22.0	19.2	486	197	33	18	6	740	86	15	1620	96
NEW MEXICO	UNIV PARK	111	80.9	40.4	9.5	61.0	593	218	100	66	0	1075	0	30	2130	94
OREGON	CORVALLIS	140	134.4	91.2	141.1	99.7	1003	520	0	153	24	1700	65	1162	6711	1514
UTAH	LOGAN	143	63.4	37.0	36.3	17.9	611	360	77	41	9	1125	152	460	2673	197
WASHINGTON	PHILMAN	112	127.4	90.6	105.1	242.9	1145	728	135	133	24	2165	166	1134	7369	995
WYOMING	LARAMIE	94	47.1	13.7	23.0	14.3	568	295	77	50	13	1002	21	156	1428	8
SUBTOTAL - SABES		3127	1557.8	1594.6	1776.0	1500	310533	5061	790	1073172	17634	280122020	82824	7927		
COLORADO	HOMER	1	0.1	1.2	0.1	0.1	3	0	3	11	0	11	0	170	0	0
UTAH	PHOTO	1	0.2	1.0	1.6	0.1	0	0	0	0	0	0	0	24	0	0
SUBTOTAL - DCU		2	0.3	1.2	1.7	0.2	0	0	0	11	0	11	0	194	0	0
FORESTRY SCH	PLANTSTAFF	10	1.2	5.8	0.0	1.0	0	0	54	0	0	44	0	0	66	0
FORESTRY SCH	APLATA	10	0.6	0.1	0.7	0.0	0	0	25	0	0	25	0	0	32	0
FORESTRY SCH	PT COLLINS	70	1.7	8.6	0.1	6.8	0	0	152	0	0	152	2	127	265	14
FORESTRY SCH	MOSCOW	96	25.6	42.3	18.9	3.5	4	0	153	0	0	193	304	624	983	14
FORESTRY SCH	MISSOULA	16	4.5	10.7	6.6	0.6	0	0	164	0	0	163	0	0	284	5
FORESTRY SCH	CORVALLIS	111	52.1	44.1	25.0	16.4	0	0	289	0	0	289	129	721	1589	8
FORESTRY SCH	SEATTLE	29	45.5	23.5	15.5	13.3	0	0	162	3	0	162	215	1840	1526	29
SUBTOTAL - FORESTY SCH		290	125.2	135.1	66.8	40.6	0	0	1026	0	0	1028	654	3312	4501	29
TOTAL		3419	1731.1	1731.1	1541.1	1500	310533	5059	790	1065	171	18674	3456	25526	87331	17628